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Lancaster Farming

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FARM TRENDS

A summary of market and commodity news for the past week

by Dick Wanner

Fill Up for the Farm Show

Good weather has been predicted for Farm Show Week, but it probably won't be good enough to inspire anybody to ride their bicycles to the annual event, the world's largest agricultural show under one roof. We hope lots and lots of area folks will get to the show (Lancaster Farming will be there all week), but we hope nobody gets stranded without gas. Fill your gas tank before you leave, because there'll be an awful lot of people in Harrisburg wanting to buy an awful lot of gas. And fill your car, too. The more people you take along, the less competition there'll be for available parking.

Triplet Calves Born Near Union

The blessed event last Sunday on the Robert Weicksel farm in Southern Lancaster County saw the birth of not one, not two, but three calves, all living and all healthy. The hungry triplets, two bulls and a heifer, were the result of a mating between a Brown Swiss bull and a Holstein dam. Mrs. Weicksel said the calves were only a little smaller than normal, and needed a little help at first in nursing, but there were no problems at all.

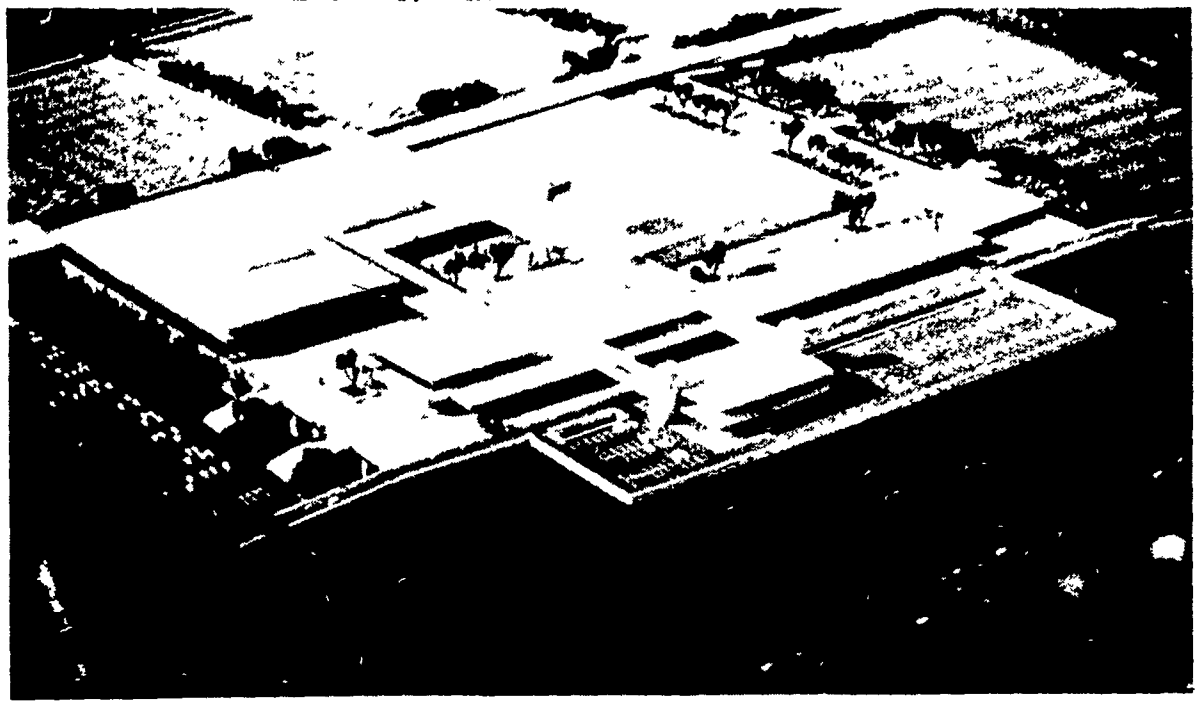
Do You Want Bulls or Heifers?
Breeding By Design

Genetics researchers are searching for ways of guaranteeing, more or less, the sex of calves from artificially bred cattle. Several methods are under intensive study at the moment. Livestock experts have expressed interest in the studies, but most are maintaining a "show-me" attitude. Two techniques have been developed for separating male and female sperm, and one group of researchers has developed a vaccine which makes female mice allergic to male sperm. This allergy markedly increases the odds in favor of a female conception.

Futures Prices Up

A look at the futures prices in this week's market pages shows a jump from last week in all categories. February Chicago cattle futures are up $2.55 from last week, hogs are up $2.65. March potatoes moved up 38 cents, gaining some ground lost the previous week, and fresh egg contracts moved up a bit. Live steer prices on local auctions were holding firm, but still nowhere near the 55-cent market many

Conservation farmer Earl Smoker is a firm believer in the value of terraces and strip cropping, and he employs both practices on his Stevens RD1 dairy farm. Smoker installed terraces in 1969, and says he's glad he did



This architect's drawing of the proposed Keystone Exposition Center is just a gleam in the collective eye of a growing legion of Pennsylvania farm leaders. If it were built, the center would replace the present Farm Show complex, and provide facilities for many more events than can be held in the present facilities. The $150-million complex would, it is hoped, be self-supporting and be in at least partial operation by 1976.

Will it Replace Farm Show Building?

Support Mounts for Keystone Exposition

Question: What was built on a dump, is subject to flooding, causes traffic jams, has a leaky roof, rotting plumbing and not enough parking?

Answer: The Pennsylvania Farm Show complex.

Question: What is the Keystone Exposition Center?

Answer: None of the above.

Proposals to shut the doors of the Pennsylvania Farm Show complex have been kicking around Harrisburg ever since the Scranton administration. Built on a landfill in 1929, the facility is thought by many to be outmoded and unattractive. Whatever legislative sentiment may have been for a new complex, though, the project's cost kept it little more than a glimmer in the eyes of many Pennsylvania farm leaders

One of those leaders was Dr. Norman Reber, editor of Pennsylvania Farmer Magazine. In his speeches and editorials, Reber kept plugging for a new facility. His persistence was rewarded last summer by a

(Continued On Page 22)

Annual Farm Show Issue

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Rohrer's Top Tobacco Show

Lancaster County's Rohrer family, headed by Pennsylvania's master tobacco showman Roy M. Rohrer, Strasburg RD1, dominated Thursday's county tobacco roundup, taking the top prize in five of six classes

(Continued On Page 22)

Conservation Case History No. 2

Earl Smoker - Committed To Conservation Farming

(Editor's Note This is the second in a series of interviews with Lancaster County farmers who have embraced the idea of farming with conservation practices In the past, farmers have been able to choose whether or not they want to use conservation as a farm management tool Pennsylvania law would remove the element of choice from that decision by making conservation plans mandatory for all farmers by 1977 We hope that these interviews will help to explain the different aspects of conservation farming as they apply to individual farm operations More information about conservation can be had by contacting the Soil Conservation Service, Lancaster County Farm and Home Center, 1383 Arcadia Road Lancaster)

Earl Smoker is a firm believer in conservation and in the future of Lancaster County farming The Stevens RD1 dairyman in-

(Continued On Page 7)

Local Livestock Market, Auction News

Lancaster Market

Vintage Auction

No Market Report Available
due to Holiday

Omaha Cattle

Thursday, January 3

Compared with last week's close, Slaughter steers and heifers 2.00-2.50 higher Cows and bulls steady to 50 higher. Moderate supply feeder cattle 1 50-2.00 higher.

Three day receipts in holiday shortened week, 14,000 as compared 13,700 the previous week and 12,900 a year ago Slaughter steers 42 percent, heifers 34 percent, cows 12 percent, and feeders 11 percent. In the holiday shortened week, fed cattle prices advanced sharply under good demand by most buying interests although Canadian demand was quite moderate The sharp price upturn was supported by stronger prices at the wholesale carcass level. There was noticeably less pressure on Choice yield grade 3-4 1200-1350 pound steers, and feeder buyers competed aggressively for partly fattened steers suitable for a short turn in the feedlot. Overall finish attractive with liberal percentage Choice and moderate number high-Choice and Prime. A moderate volume of steers and heifers continued to carry considerable mud

STEERS: A part load Choice 1000 pounds yield grade 3 45 50 Four loads and part loads Choice with end Prime 1000-1155 3-4 45 00-45 25 Load Choice and Prime yield grade 3-4 1313 45.00. Choice 1000-1200 2-4 43.75-44.75 Choice 1250-1350 3-4 43 00-44.00. Mixed Good and Choice 975-1250 42 50-43 50 Good 40.50-42 50. Standard and low-Good 39.00-40 50

Average cost slaughter steers for two days in holiday shortened week 42 32 and 1167 pounds as compared 40.95 and 1154 pounds previous week and 38 89 and 1140 pounds a year ago

HEIFERS Four loads high-Choice and Prime 921-1035 pounds yield grade 3-4 43 25-43 50 Choice 850-1050 2-4 42 00-43 00 at the close Mixed Good and Choice 800-1000 41 00-42 00 Good 39.00-41 00 Small lots Standard and low-Good 38 00-39 00

COWS Utility and Commercial 32 50-34 50, few Utility 35 00-35 50 Canner and Cutter 29 50-32 50 Mixed Cutter and low-Utility 32 75-33 00

BULLS Yield grade 1&2 1400-1800 pounds 38 50-40 50, a few yield grade 1 41 00-42 00

FEEDERS Demand good for feeder cattle particularly fleshy two-way steers and that class made up bulk of supply Prices 1 50-2 00 higher Outshipments of 1700 head compared with 1000 previous week

STEERS Approximately three loads Choice 895-1000 pounds 44.00. High-Good and Choice 890-1137 42 50-43.75. Two loads mostly Good 873 and 1115 42.00.

HEIFERS: Part load Choice 574 pounds 50.00. Good and Choice 664-951 41.00-42.25, load Good 782 38.00

New York Dressed Meats

Thursday, January 3

Daily distributive - less than carlot meat trade.

Compared with Wednesday: Prices fully steady for all fresh meats. Moderate supplies moving mainly into retail channels under fair to good demand Reports from wholesale circles indicate that unloads subsequent to this session will be very limited and at same time advance purchase for next week's business appears to be running light.

Steer Beef

Prime 600-900 pounds 73.00-75.00; Choice 600-700 73.00-75.00; 700-800 72.50-74.00; 800-900 70.00-72.00, Good 500-800 69.00-72.00

Heifer Beef

Choice 500-700 pounds 72.00-74.00.

Calf (Skin Off)
150-350 Pounds

Choice 98.00-105.00; Good 87.00-97 00; Standard 82.00-86.00.

Veal (Skin Off)

Choice 90-150 pounds 114.00-120.00; Good 60-90 105.00-112.00; Standard 60-120 85.00-90.00.

Lamb

Choice and Prime: 30-55 pounds 82.00-85 00; 55-65 81.00-82 00.

Choice Beef Cuts

Hinds (steer) 145-190 pounds 85 00-88 00, Arm Chucks 90-105 - 63 00-66 00, Ribs (7-rib) 34-40 82 00-90 00, Loins (trmd) 50-70 97 00-102 00, Rounds (steer) 70-95 88 00-92 00, Full Plates 38 00-39 00, Hinds (heifer) 120-170 84 00-87 00

Fresh Pork Cuts

Loins (regular) 8-14 pounds 87 50-89 00, 14-17 86 00-88 00; Picnics (regular) 4-8 56 00-58 00, Boston Butts 4-8 68 00-70 00; Spareribs 3 pounds down 70 00-74.00, Skinned Hams 14-17 77 50-80 00, 17-20 74 00-77.00

TRY A CLASSIFIED AD
PHONE 626-2191
OR 394-3047

Lancaster Auction

Wednesday, January 2

	Cattle	Calves	Hogs	Sheep
Today	580	120	677	57
Last Week	528	122	886	174
Last Year	913	109	359	83
Wednesday's Auction	547	129	682	57
Last Wed.'s Auction	627	102	864	60

CATTLE: Compared to last Wednesday, slaughter steers about steady; cows 2.00-4.00 lower; bulls 1.00-2.00 lower.

SLAUGHTER STEERS: Couple lots Prime 1100-1200 lb. 44.85-45.25, couple lots high Choice and Prime 1350-1400 lb. 43.75; Choice 950-1375 lb. 42.50-45.00, few 1435-1560 lb. 37.85-40.35; Good 40.25-43.25; Standard and low-Good 37.50-40.00.

SLAUGHTER HEIFERS: Choice 875-1050 lb. 41.00-43.50, few 43.85-44.35; Good 36.50-40.00.

COWS: Utility and high-dressing Cutter 33.00-35.25, few 35.50-36.25; Cutter 32.50-35.25; Canner and low-Cutter 29.60-32.50.

BULLOCKS: Choice 950-1250 lb. 43.50-44.85; Good 42.00-43.50.

BULLS: Yield grade 1 1100-1700 lb. 43.00-45.75, few 46.25-47.85, yield grade 2 1000-1500 lb 41.50-43.50, few 39.00-41.00.

FEEDER STEERS: Around two loads Good to mostly Choice slaughter steers sold as feeders 975-1070 lb. 44.00-44.35.

VEAL CALVES: Vealers 1 00-3.00 lower.

VEALERS: Prime 80.50-84.50, couple 86.00; Choice 74.00-80.50; Good 63.00-72.00; Standard 52.00-62.00.

SHEEP: Wooled lambs mostly steady

WOOLED LAMBS: Good 70-100 lb. 35.50-37.50, one lot 50 lb. 34 50; couple lots Choice 100-110 lb. 39.00.

New Holland Horse Auction

Monday, December 31

Reported receipts of 540 head of horses, mules and ponies Market stronger than two weeks ago

Load Kansas riding horses 150-340

Load Illinois riding horses 200-370

Local work horses, 320-500, mules 150-250, driving horses 175-325; riding horses 165-215, better horses 230-925

Lightweight killers 12-17, heavyweight killers 21-24

Mare ponies 15-35, colts 5-10, geldings 15-30, larger ponies 50-80

New Holland Auction

Thursday January 3

	Cattle	Calves	Sheep
Today	964	759	19
Last Thursday	1003	856	0
Last Year	885	525	18

CATTLE: Compared to last Thursday slaughter steers strong to 50 higher, cows 50-1.00 lower; bulls 1.00 higher. Supply included 51 per cent cows.

SLAUGHTER STEERS: Choice 950-1400 lb. 43.50-46.75, few 47.00-47.75, Choice 1275-1400 lb. yield grade 4-5 42.00-44.50; Good 40.75-43.50; Standard and low Good 39.00-41.50.

SLAUGHTER HEIFERS: Choice 900-1100 lb. 40.00-42.75; Good 37.50-40.00.

COWS: Utility and high dressing Cutter 35.00-37.25, few 37.50-38.75; Cutter 32.50-35.75; Canner and low Cutter 30.00-33.00.

BULLOCKS: Choice 950-1250 lb. 45.00-48.00, couple 49.00-50.00 Good 42.00-45.00.

BULLS: Yield grade 1 1100-1700 lb. 44.00-47.00, few 48.50-50.25; yield grade 2 1000-1500 lb. 42.75-44.50.

VEAL CALVES: Vealers 2-4.00 lower; slaughter calves 5-10.00 lower.

VEALERS: Prime 75.00-78.00, few 80.00-83.00; Choice 68.00-75.00; Good 58.00-67.00; Standard 50.00-58.00; Utility 90-120 lb. 37.00-43.50, 65-85 lb. 32.00-40.00.

SLAUGHTER CALVES: Choice 290-400 lb. 52.00-57.00; Good 280-425 lb. 40.00-49.00.

SHEEP: Small supply Good and Choice 60-85 lb. wooled slaughter lambs 39.00-44.00.

Monday, December 31

Calf Receipts 124

Choice and Prime 65-78; Standard 51-59.50; Good and Low Choice 60-64.50; Common 45-50.50.

Monday, December 31

55 loads of Hay and 17 loads of straw sold as follows:

Alfalfa 41-84, 2 loads 100-102; Timothy- 37 50-64; Clover 1 load 54.00, Mixed Hay 37-67; Hay 35-59, Straw 35-53, Reed Grass 2 loads 67 and 70, Ear Corn 2 loads 65 and 70

Regional Hay Prices

Monday, December 31, 1973

(All hay No 2 and better prices paid by dealers at the farm price per ton)

Hay & Straw steady

Alfalfa	55 00-60 00
Mixed Hay	40 00-50 00
Timothy Hay	30 00-40 00
Straw	35 00-40 00
Mulch	15 00-26 00

Composite Report

Weekly January 4

	Cattle	Calves
This Week	2100	1050
Last Week	2250	981
Last Year	3210	1397

CATTLE: Slaughter steers strong to .50 higher. Cows 1-2.00 lower, instances 4.00 lower. Bulls closed the week 1.00 higher. Supply included an estimated 30 percent slaughter steers, 40 percent cows, 15 percent bulls with the balance mainly feeder steers.

SLAUGHTER STEERS: Choice 950-1400 lbs. 43.00-46.75, few 47.00-47.75. Choice 1275-1400 lb. yield grade 4-5 42.00-44.50, few 1435-1560 lbs. 37.85-40.35. Good 40.25-43.50. Standard and low good 37.50-41.50.

SLAUGHTER HEIFERS: Choice 875-1100 lbs. 40.00-43.50, few 43.85-44.35. Good 36.50-40.00.

COWS: Utility and high dressing Cutter 34.50-37.25, few 37.50-38.75. Cutter 32.50-35.75. Canner and low Cutter 29.60-33.00.

BULLOCKS: Choice 950-1250 lbs. 43.50-46.00, few 46.00-48.00 with a couple 49.00-50.00. Good 42.00-45.00.

BULLS: Yield grade 1 1100-1700 lbs. 43.00-47.00, few 48.00-50.25. Yield grade 2 1000-1500 lbs. 41.50-44.50, few 39.00-41.00.

VEAL CALVES: Vealers 1-3.00 lower with slaughter claves closing 5-10.00 lower.

VEALERS: Prime 75.00-80.00, few 80.00-84.50 with a couple at 86.00. Choice 68.00-77.00. Good 58.00-68.00. Standard 50.00-60.00. Utility 90-120 lbs. 37.00-43.50. 65-85 lbs. 32.00-40.00.

SLAUGHTER CALVES: Choice 290-400 lbs. 52.00-57.00. Good 280-425 lbs. 40.00-49.00.

Green Dragon Hay

Friday, December 28

98 loads hay, consisting of: Alfalfa 45.00-74.00, individual at 80.00, few 32.00-39.00; Timothy 35.00-50.00; Mixed hay 34.00-50.00, seven loads 56.00-79.00; Clover, few 35.00-42.00; Orchard grass, three loads 39.00-55.00.

31 loads straw and bedding, straw 41.00-54.00, individual at 58.00.

Corn, three loads 68.00-82.00.

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Hog Prices

Lancaster Auction

Wednesday, January 2

Barrows and gilts mostly 1.00 lower.

BARROWS AND GILTS: US 1 200-230 lb. 44.50-44.85; US 1-3 190-245 lb. 43.25-43.75; US 2-3 250-265 lb. 42.50-42.75.

Vintage Auction

Saturday, December 29

Hogs 798, Barrows and gilts 1.50 to 2.00 lower.

US No. 1-2 200-240 lbs. 43.75-44.10; US No. 1-3 195-235 lbs. 43.35-43.75; US No. 2-3 185-250 lbs. 43-43.50; US No. 2-4 120-185 lbs. 40-42.85; Sows 1-3 275-465 lbs. 32.75-35.35; few 2-3 400-665 lbs. 29.35-30.85; few Boars 29.10-33.

Wednesday, January 2

Hogs 528. Barrows and Gilts 25 to 50 cents lower, spots $1.00 lower.

US No. 1-2 200-240 lbs. 44.50-45.50; US No. 1-3 200-250 lbs. 43.75-44.50; Sows 1-3 300-550 lbs. 32-35; Boars 29-31; Lightweights 33-36.

New Holland Auction

Monday, December 31

Hogs 1143. Market uneven, mostly 25 cents higher.

US No. 1-2 200-240 lbs. 44.75-47; US No. 1-3 200-245 lbs. 44.25-44.75; US No. 2-4 220-260 lbs. 43-44.25; US No. 2-4 185-200 lbs. 41.75-44.25; Sows 34-38; Boars 33-38.

Lebanon Valley Auction

No market report available.

Lancaster Market

No market report available.

Indianapolis Auction

HOGS: 2000.

Barrows and gilts fully steady, trading fairly active.

BARROWS AND GILTS: US 1-2 200-235 lb. 41.50-42.00; 46 head at 42.25; US 1-3 200-245 lb. 41.00-41.75.

Peoria Auction

HOGS: 4000.

Barrows and gilts steady, trading moderately active.

BARROWS AND GILTS: US 1-2 200-230 lb. 42.00-42.50; US 1-3 200-240 lb. 41.50-42.00.

St. Louis Auction

HOGS: 6000.

Barrows and gilts 1.00 lower.

BARROWS AND GILTS: US 1-3 200-230 lb. 41.50-42.00; 230-250 lb. 40.50-41.50.

New Holland Dairy Auction

Wednesday, January 2

Reported receipts of 186 cows and four heifers. Market steady with market two weeks ago.

Load of Pennsylvania cows, fresh 480-725.

Two loads of New York State cows, fresh 435-800; springers 635-900.

Load New York State cows, fresh 420-825.

80 head cows out of Kansas and Minnesota, fresh 500-825; springers 460-1300.

Locally consigned cows 460-800.

Springing heifers 510-650.

Oklahoma City

Thursday, January 3

Extimated Receipts 3,000

Same day last week 1,644

Same day last year 7,351

Trading now active, feeder steers and heifers over 400 pound 50 cents to 1.50 higher, some sales 2.00-2.50 higher on heifers over 500 pound and steers over 600 pound feeder calves under 400 in small supply and poorly tested. Moderate attendance buyers.

FEEDER STEERS: Part load Choice 338 pound 60.75; Choice 400-500 54.00-59.60; 500-600 51.00-54.80; 600-700 50.25-53.10, small lot 613 at 54.50; 700-800 48.90-51.90; 800-906 44.60-49.70, largely 45.50-48.50; Mixed Good and Choice 300-500 51.25-56.25; 500-700 46.75-50.75; 700-800 45.50-48.50; Good 375-550 45.00-50.75.

HOLSTEIN STEERS: Good 579-670 pound 42.50-46.00; Good 700-881 40.40-43.75, part load 1015 at 39.20.

FEEDER HEIFERS: Choice 300-400 48.00-51.10; 400-500 45.75-50.60; 500-600 45.75-47.60; 600-700 42.00-45.80; small lot 703 at 41.10; Mixed Good and Choice 300-500 43.00-47.75; 500-700 40.00-44.25.

For the week: Compared to late last week, feeder cattle over 400 pound mostly 50 cents to 1.50 higher with some sales on heifers over 500 pound and steers over 600 pound 2.00-2.50 higher; Slaughter cows 50 cents to 1.25 higher; Bulls fully 1.00 higher. Salable receipts near 5,300 head compared to 2,494 last week and 12,734 the comparable period a year ago. Feeders 83 percent of total; cows 15 percent cattle receipts.

Peoria Cattle

Thursday, January 3

CATTLE: Receipts this 4-day week 4841, compared to last week 4385, and to last year 4302.

Compared with last weeks close, slaughter steers 50 to mostly 1.00 higher. Slaughter heifers 50-75 higher. Cows and bulls fully steady. Supply about 65 percent slaughter steers, 25 percent slaughter heifers and the balance mostly cows.

SLAUGHTER STEERS: Choice and Prime 1175-1300 pounds yield grade 3-4, 41.50-43.00. Load 1215 3-4, 44.00 and a load 1385 4, 42.00. Choice and Prime 1448-1460 4-5, 38.50-39.00; Part load 1500 37.00. Choice 950-1250 2-4, 42.50-44.50; Load and part load at latter price with half load 45.00. Choice 1200-1300 3-4, 42.00-42.50. Mixed Good and Choice 900-1350 40.00-42.50. Good 38.50-40.50. Standard and Good Holsteins 37.00-38.50. Load Standard 36.50.

SLAUGHTER HEIFERS: Choice and Prime 900-1100 pounds yield grade 3-4, 41.00-42.50; Few 1000-1100 4-5, 40.00-41.00. Choice 800-1050 2-4, 41.00-43.00. Half load 43.25 and load 950 43.50. Mixed Good and Choice 750-1100 39.50-41.00. Good 37.50-39.50.

COWS: Utility and Commercial 28.00-33.50. High dressing Utility 34.00-35.00. Cutter 26.50-32.00. Canner 24.50-26.50.

BULLS: Yield grade 1-2, 1100-1800 pounds 37.00-40.00; Few yield grade 1, 41.00-42.00.

Futures Trading

(Closing bids as of Thursday, January 3)

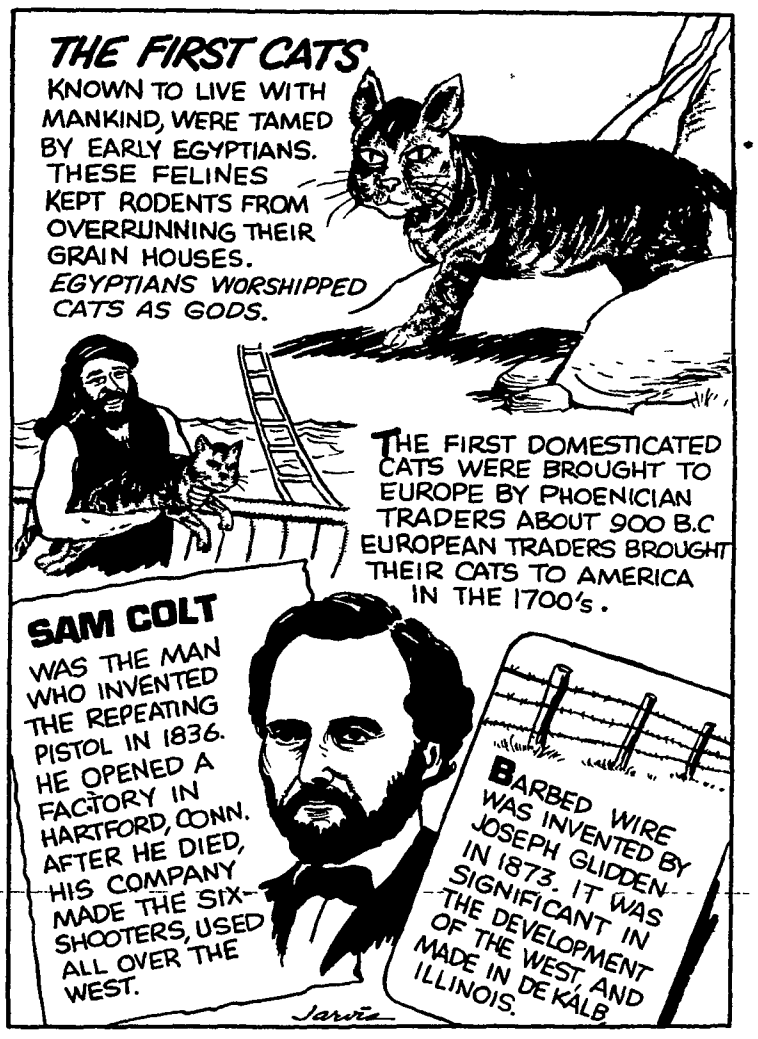
	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	Chicago Fresh Eggs
January '74				59.50
February	50.25	46.75		53.75
March			9.31	52.35
April	52.55	46.25	9.70	49.00
May			10.65	49.95
June	52.90	47.95		45.90
July		47.95		
August	52.05	46.00		
October	50.75	44.15		
November			5.48	
December		44.47		

Trend — Cattle are Higher, Hogs are Higher, Potatoes are Lower, and Eggs are Mixed.

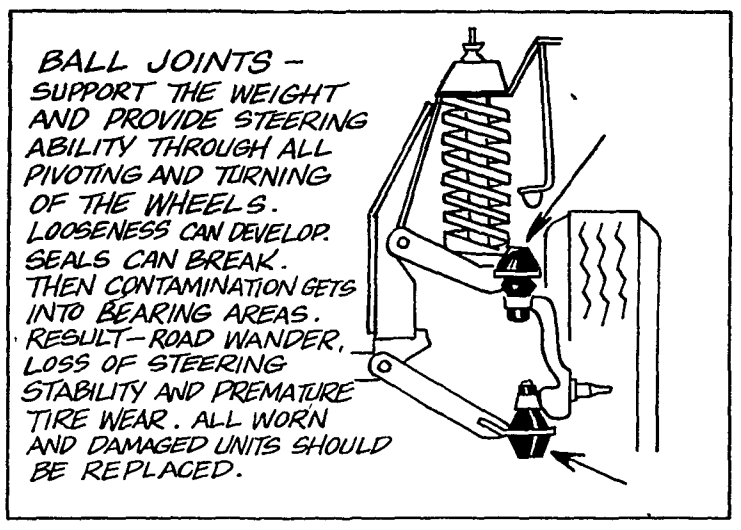
a-asked b-bid n-normal

Markets provided by Commodity Dept., Reynolds Securities, Inc.

DID YOU KNOW?


THE FIRST CATS
KNOWN TO LIVE WITH MANKIND, WERE TAMED BY EARLY EGYPTIANS. THESE FELINES KEPT RODENTS FROM OVERRUNNING THEIR GRAIN HOUSES.
EGYPTIANS WORSHIPPED CATS AS GODS.
THE FIRST DOMESTICATED CATS WERE BROUGHT TO EUROPE BY PHOENICIAN TRADERS ABOUT 900 B.C EUROPEAN TRADERS BROUGHT THEIR CATS TO AMERICA IN THE 1700's.
SAM COLT
WAS THE MAN WHO INVENTED THE REPEATING PISTOL IN 1836. HE OPENED A FACTORY IN HARTFORD, CONN. AFTER HE DIED, HIS COMPANY MADE THE SIX-SHOOTERS, USED ALL OVER THE WEST.
BARBED WIRE WAS INVENTED BY JOSEPH GLIDDEN IN 1873. IT WAS SIGNIFICANT IN THE DEVELOPMENT OF THE WEST AND MADE IN DE KALB ILLINOIS.
Jarvis

Automobile Service Tips


BALL JOINTS — SUPPORT THE WEIGHT AND PROVIDE STEERING ABILITY THROUGH ALL PIVOTING AND TURNING OF THE WHEELS. LOOSENESS CAN DEVELOP. SEALS CAN BREAK. THEN CONTAMINATION GETS INTO BEARING AREAS. RESULT—ROAD WANDER, LOSS OF STEERING STABILITY AND PREMATURE TIRE WEAR. ALL WORN AND DAMAGED UNITS SHOULD BE REPLACED.

U. S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter Under Federal Inspection

	CATTLE	HOGS	SHEEP
Week To Date	347,000	895,000	81,000
Same Period Last Week	294,000	696,000	83,000
Same Period Last Year	356,000	787,000	116,000

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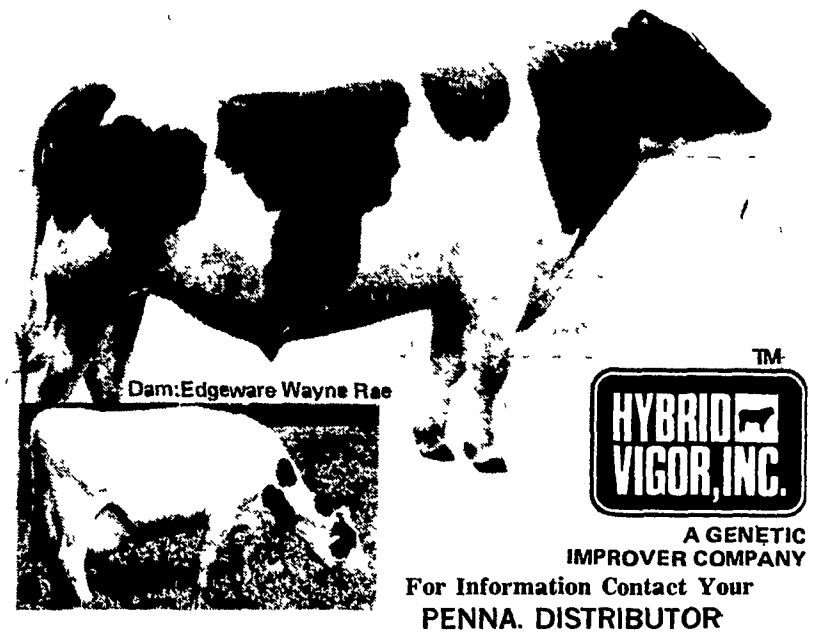

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Poultry Market Reports

New England Weekly Shell Egg Report

Tuesday, January 1, 1974

Prices paid per dozen Grade "A" brown eggs in cartons delivered to retail stores:

	EX LARGE	LARGE	MEDIUM	SMALL
MASS+	76-80	75-79	74-77	60-64
Mostly	78-80	77-79	76-78	62-64
NEW HAMP	76-83	75-82	74-81	60-67
Mostly	78-79	77-78	76-77	62-63
R. I.	80-81	79-80	78-79	64-65
Mostly				
VERMONT	NOT AVAILABLE DUE TO HOLIDAYS.			
MAINE	78-80	77-79	76-78	62-64
Mostly				

+Includes Central & Western Sections Only.

Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradeable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	New Weight Per Case	Thursday
Extra Large	51 lbs.	0
Class 1 - Large	48 lbs.	67
Class 3 - Medium	42 lbs.	65
Class 4 - Small	39 lbs.	58
Breaking Stock	48 lbs.	56
Checks	48 lbs.	46

Researchers Find Use For Refuse

Members of two horticultural research teams from Pennsylvania State University have found a constructive use for discarded anthracite mine refuse banks.

The scientists say that a refuse and nutrient combination will serve as well as an inexpensive substitute for the two million tons of topsoil now used annually in greenhouses.

Properly treated and crushed coal refuse is relatively inexpensive, abundant and can be trucked as far away as New York and Baltimore for less than the cost of soil, according to estimates.

By adding extra light and by balancing moisture levels in the refuse soiless medium, rose yields were increased 60 to 90 per cent above those of flowers grown in a soil mixture with natural light Estimates of the cost of installing and operating the supplimentary lights in conjunction with the anthracite refuse growing medium indicate that the additional income from the first year alone would finance the initial costs.

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Richard E Wanner, Editor
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Egg Market

Wednesday, January 2
Philadelphia Eggs

Prices unchanged to 1 cent lower on mediums, balance unchanged. Cartoning demand fair though generally unaggressive as buyers assess their position following the holiday period. Offerings fully adequate on all supplies. Undertone steady.

Prices to retailers: Sales to volume buyers, consumer grades white eggs in cartons.

	Delivered Store Door	
A Extra Large	79	80½
A Large	78	79½
A Medium	74	76½

Wednesday, January 2
Baltimore Eggs

Demand less aggressive but fair to good in instances. Supplies are adequate. Some Ex Large moved at 88-90 cents and small at 74-76 cents.

Cartoned eggs: Prices to retailers, state graded (min-one case sale) White Grade A Large 81-87, mostly 81-83; White Grade A Medium 79-85, mostly 79-81.

Local Grain

Thursday, January 3

These prices are made up of the average prices quoted by five participating local feed and grain concerns. It should be noted, however, that not every dealer handles each commodity. All prices are per bushel, except for ear corn which is per ton.

The average local grain prices quoted Thursday, January 3, 1974, are as follows:

	Bid+	Offered+
Ear Corn, New	61.00	70.00
Shelled Corn	2.82	3.03
Oats, Local	1.20	1.66
Oats, Western	1.80	1.95
Barley	2.48	2.66
Wheat	4.42	4.60
Soybeans	5.32	5.80

+Bid is the price the dealer will buy from the farmer delivered to the mill. Offered is the price the dealer will sell for at his mill.

More than 800 towering banks of refuse, 900 million tons in all scar the countryside of northeastern Pennsylvania counties. Over the years many of the banks have started to burn, either by spontanous combustion or as a result of trash fires, releasing sulfur gases into the air.

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Delmarva

Wednesday, January 2
Broiler-Fryer Market

Ready to cook movement light and disappointing in most quarters as pipe lines become filled from Monday's fairly heavy slaughter. Todays slaughter heavy. Less than trucklot prices unchanged to 1 cent lower on both plant and US Grade A. Advance interest slow in developing; Live supplies ample at heavier than desired weights and most plants. Undertone weak and unsettled.

Negotiated trucklot prices 2-3 lb. ready to cook broiler-fryers for delivery this next week: US Grade A 44-45; Plant Grade 43-44.

Pool trucklot prices for Thursday arrival US Grade A 44-49, mostly 44-45; Plant Grade 43-47, mostly 43-44.

Fogelsville

January 2, 1974

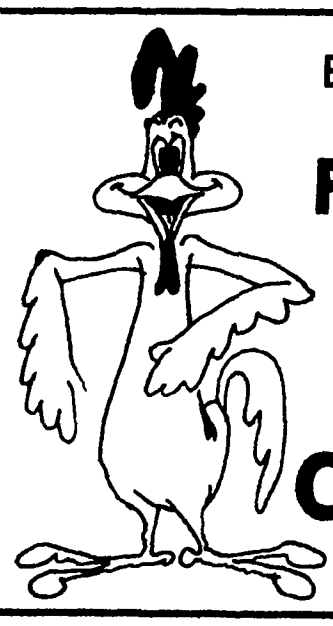
(Prices paid dock weights cents per lb.)

Hens, light type 10-16; Hens, heavy type 26-41; Pullets 20-35, mostly 28-35; Roasters 22-35, mostly 28-35; Geese 55½; Turkeys-hens 52; Rabbits 60-1.04, mostly 85-94; Guineas 87, Pigeons (per pr) 90-3.00

Total coops sold 188

Poultry received Monday 7 p.m. to 10:30 p m. Tuesday 7 a.m. to 12 Noon. Sale at 11:30 a.m.

Directions — Take Rt. 22 thruway. Exit at Fogelsville exit North on stoplight in Fogelsville, turn left, proceed 1 mile.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Weekly New York Egg Market

From Monday, December 31st to Friday, January 4th

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
Fcy. Ex. Large	74		74	74	74
Large	74		74	74	74
Mediums	72		72	72	72
Pullets	67		67	67	67
Peewees	50		50	50	50
		HOLIDAY			
BROWN					
Fcy. Large	74		74	74	74
Mediums	Unquoted				
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade Large	69		69	69	69
Checks	44		44	44	44

Long Tone — Trading reported very irregular and market nervous.

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Eastern Pa. & N.J.

Wednesday, January 2
Live Poultry

Prices lower on light type hens. Demand only fair for light offerings. Offerings of heavy type hens limited but adequate for light needs.

Prices paid at farm: Light type hens 10-12, mostly 11-12 in Pa., mostly 11-12 in N.J. Heavy type hens TFEWR.

Lebanon Valley Auction

No market report available.

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THE OLD FARMER'S ALMANAC

JAN. 7-13, 1974

Some snows may break your plows.

Have all your shoes repaired now . . . Buffalo Bill died Jan. 10, 1917 . . . Full Wolf Moon Jan. 8 . . . Ike agreed to run Jan. 7, 1952 . . Average length of days for week, 9 hours, 16 minutes . . Richard Nixon born Jan. 9, 1913 . . . First vessel through Panama Canal Jan. 7, 1914 . . . Beware of chimney fires now . . . First shot fired in Civil War Jan. 9, 1861 . . . Arctic Snowy Owls return . . . Cattle need salt now . . . Eat to live, not live to eat.

Old Farmer's Riddle: What has no feet but always wears shoes out? (Answer below.)

Ask the Old Farmer: Who originated the term "Yankee Clipper" and when was it first used to describe the New England-built sailing ships? K.V., Salem, Mass.

It might be difficult to pin this down, but the term was probably applied to the schooner-rigged privateers of the Revolution to distinguish them from the Baltimore clippers, which came first.

Home Hints Clean vinyl shoes and handbags with liquid window cleaner Bulb plants always should be watered from the bottom. Set the plant in a saucer of water . *Riddle answer:* A pavement

OLD FARMER'S WEATHER FORECASTS

New England: Begins mostly clear and cold, then heavy rain with 8-10" snow in mountains; partly cloudy latter part, then light snow and cold.

Greater New York-New Jersey: Snow, 2-4", to start, then snow changing to rain; partial clearing and very cold latter part, then light snow on weekend.

Middle Atlantic Coastal: Rain, moderately heavy at first, continuing through most of week; very cold with light snow on weekend.

Southeast Coastal-Piedmont: Moderate to heavy rain to start, then cloudy and cold with light rain; partial clearing end of week, then light rain.

Florida: Week begins rainy, then partial clearing; clear and cool latter part with frost in north. then showers on weekend.

Upstate & Western N.Y.-Toronto & Montreal: Clear and cold in east and light snow in west at first, then light snow throughout region continuing to end of week.

Greater Ohio Valley: Intermittent freezing rain first part of week, remainder of week very cold with 2-4" snow.

Deep South: Quite cold at first, then mixed rain and snow; end of week clear and becoming much warmer.

Chicago and Southern Great Lakes: Week begins cloudy and seasonably cold, then light snow and colder; end of week snowy and very cold.

Northern Great Plains-Great Lakes: Light snow all week in east, other sections clear and mild at first, then cold with 2-4 snow latter part.

Central Great Plains: Light snow in north and west to start (light rain in east), then partial clearing; light snow and colder throughout region latter part.

Texas-Oklahoma: Partly sunny and mild at first, then cloudy and colder, end of week mostly sunny and warmer.

Rocky Mountain Region: Week begins with light snow in central and 4-6 snow in east, then mostly clear; cloudy and colder latter part, then 1-3" snow in north and light rain elsewhere.

Southwest Desert: Cloudy with showers to start, then clearing, increasing clouds followed by rain latter part.

Pacific Northwest: Light rain and mild through midweek; remainder of week mostly sunny and cold.

California: First part of week sunny in south and rainy in north; end of week cloudy and cool in south with rain continuing in north.

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Pa. Auction Summary

Weekly Summary
15 Livestock Markets
Week Ending December 28

CATTLE 2547. Compared with 4086 head last week, and 4380 head a year ago. Compared with last week's market, slaughter steers 50 cents - 1 00 higher. Slaughter cows mostly steady to 1 00-1 50 higher Bullocks uneven, Good and Choice 25 cents - 1.00 lower, Standard 1.00-2 00 higher. Bulls 25 cents - 1.00 higher.

STEERS. Choice 44.35-45.10, Good 39.00-44 00, Standard 38.60-41.85.

HEIFERS· Few Choice 39.00-40.50, few Good 38.50-40.10, few Utility 36.60-37.25.

COWS: Utility and High Dressing Cutter 34.85-39.60, Cutters 32 90-37.00, Canners 30 00-34 00, Shells down to 26.00

BULLOCKS Choice 43.50-46.50, Good 43 00-44.50, Standard 40 85-44 00.

BULLS· Yield Grade 1-2 1000-1800 pounds 41.00-46.25

CALVES 1982 Compared with 3027 head last week, and 3398 head a year ago Vealers mostly steady to 4.00 higher

VEALERS: Prime 73.00-85.00, Choice 68.00-80.00, Good 60 00-70 00, Standard 52.00-65.00, Utility 90-120 pounds 39.00-50.00, 70-85 32 00-42.00 Farm calves slow; Holstein bulls 85-120 42 00-70.00 Holstein heifers 85-140 50.00-71.00.

HOGS 3845. Compared with 5291 head last week, and 5457 head a year ago. Barrows and Gilts 1.25-1.50 higher.

BARROWS & GILTS· Few US 1-2 205-230 pounds 44 60-44 85. 1-3 200-240 43.00-44.40, 2-3 195-225 41 60-42 85

SOWS· US 1-3 300-555 pounds 34 00-41.50. Boars 29.00-33.75

FEEDER PIGS 255. Compared with 657 head last week, and 413 head a year ago. US 1-3 20-35 pound feeder pigs 17 00-23 00 per head, 1-3 35-50 22.00-30 50 per head.

SHEEP 175. Compared with 537 head last week, and 686 head a year ago Wooled slaughter lambs steady to 2.00 higher Choice 70-100 pounds 36 00-39 50, Good 70-100 31.00-35 00, few Utility 60-80 27 00-32 00. Few slaughter ewes 11.00-25 00.

Pork Import Requirements Are Amended

Pork products imported from countries infected with both swine vesicular disease (SVD) and hog cholera will come under a single set of requirements as of December 19, according to the U. S. Department of Agriculture (USDA).

The agency's Animal and Plant Health Inspection Service said that the measures currently being taken to prevent the introduction of SVD, are sufficient to kill hog cholera viruses.

They will require cured or dried pork and pork products coming from areas infected with both diseases to have all bones removed in the country of origin; be designated as restricted import items, and shipped under seal directly from the U.S. port of entry to an approved processing plant, where they must be heated to an internal temperature of 166 degrees.

Previously, cured and dried pork products had to be dried at least 90 days and be shelf stable before they could come into the country.

APHIS officials noted that federal import regulations also cover other destructive livestock diseases, such as foot-and-mouth, rinderpest, and African swine fever

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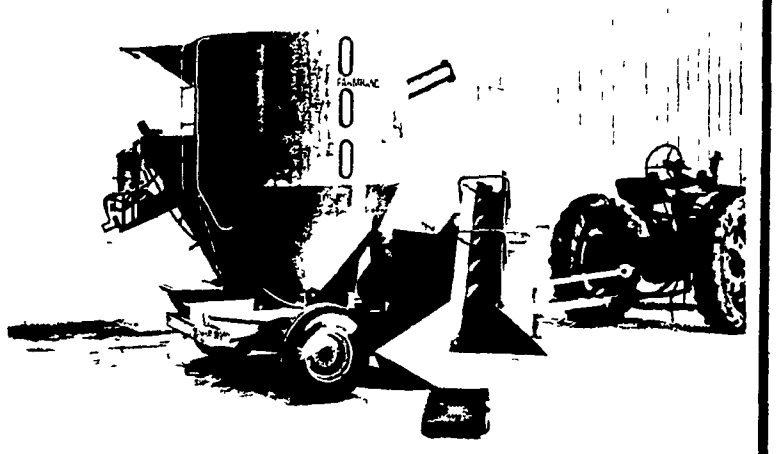

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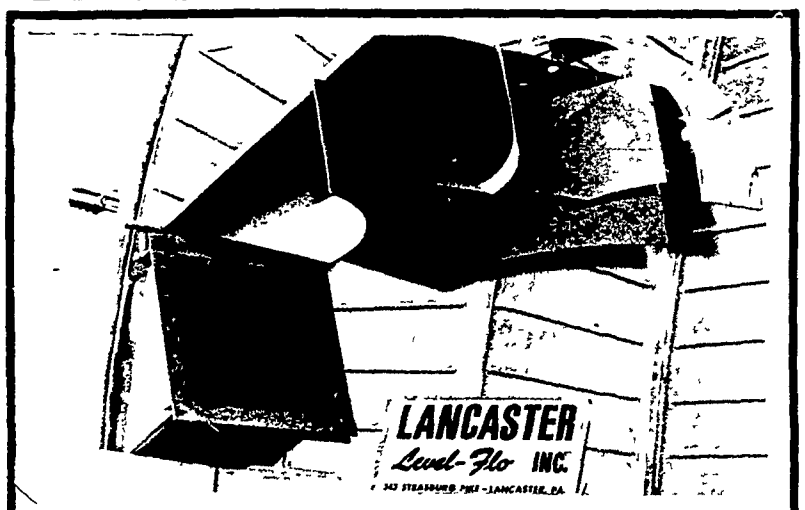

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Conservation Farming

(Continued From Page 1)

stalled diversion terraces on his farm in 1969, and he has never regretted that decision. "I can grow continuous corn on my terraced fields and not worry about losing topsoil," Smoker said. "During Agnes, for example, we had an awful lot of rain, and we had a lot of water running out of our cornfields. But it was clear water."

Besides slowing runoff water, Smoker feels the terraces help to conserve water, an important factor in his sandy loam, Class 2 soil. Because the flow of the water is slowed, it has more time to sink into the ground, where it becomes available as the surface soil drys out during dry spells.

Manure from Smoker's 43-cow Holstein dairy herd is spread daily on the fields. This is a practice which has come in for ever closer scrutiny by environmental groups and government bodies in the past few years, and which could pose nearly insoluble problems for many dairymen, especially those with streams running through their farms. Again, Smoker's terraces might help prevent some possible problems. "I hardly ever see any evidence of manure in our runnoff water," he said. "The water just moves too slowly to pick anything up."

In all, Smoker farms about 112 acres, 24 of which are terraced. He grows 80 acres of corn, 30 of alfalfa and also plants some barley every year. His corn yields are about 90 bushels to the acre, and he gets 3.5 to 4 acres of alfalfa hay to the acre. The fields that aren't terraced are strip-cropped.

Minimum till planting is one of the techniques Smoker hopes to do more of in the future. He feels it conserves both labor and soil. He owns half of a no-till planter, used it last year and liked it. Eventually, he plans to buy a chisel plow.

"I borrowed a chisel plow this fall and went over 20 acres with it. I planted barley and rye in that ground and it just did great. In the spring, I'm going to spray the rye to kill it, then I'll plant corn with the no-till planter. I'm anxious to see how it works."

Winter cover crops, like rye, are an important part of Smoker's conservation philosophy. "I just don't like to see soil lying bare over the winter, and plowing down that green manure is one of the best things you can do for the land. It doesn't cost that much, and I think it definitely pays in the long run."

Smoker keeps his terraces in shape with a tumble plow that pushes the soil uphill no matter which way the tractor's headed. "You've got to learn how to farm with terraces," he said, "or you'll tear them down. One thing you've got to guard against is letting the terraces silt shut, or plowing them carelessly. If they overflow, you've got yourself a lot of trouble."

There's also a one-acre pond on the Smoker farm, used mostly for recreation, but he feels it's good fire insurance, too. Field runoff is diverted away from the pond, which is fed by a spring on the property.

Another interesting feature of the Smoker farm is a 14-acre woodlot which supplies much of the lumber for farm buildings. A shed and a barn have all been built with mostly Smoker lumber, and there's at least one cedar chest in the works, too.

Smoker has been a farmer all his life. He and his wife, Vera, were both brought up on farms and agree it's the best way to live and the best place to raise children. There are four Smoker children. Jay is a 1973 graduate of Penn State where he majored in animal husbandry, Charlene is a secretary at the Ephrata Community Hospital, Marlin graduated from Ephrata High School in 1973, and Kevin attends Ephrata Junior High School.

Smoker is a member of the Pennsylvania Farmers Association, the Ephrata Area Young Farmers group, and is on the advisory board of the Lehigh Valley Dairy Cooperative. He's also a member of the Clay Township Planning Commission.

Farm Trends (Continued From Page 1)

area beefmen say they ll need to break even. We've heard a lot of gripes lately about the price of beef in retail stores. The precipitous plunge in live prices has resulted in only a gentle dip in grocers' prices.

Recession in the Offing?

Consumer pessimism has reached a 25-year high (or low, depending on how you look at it), according to the prestigious Survey Research Center at the University of Michigan. The Center says a recession is now "quite possible", and says part of the trouble stems from "the traumatic experience millions of Americans had while shopping for food and other products in recent months". This has caused a great change in people's beliefs and expectations about their own and the economy's prospects, the Center reports.

Flower Growers Asked To Report Production

Beginning in early January, the Pennsylvania Crop Reporting Service wil ask flower growers to report 1973 area in production and value of sales for carnations, roses, chrysanthemums, gladioli and foliage plants. Growers will also be asked to report their intentions to produce these crops in 1974. Production statistics must be kept up to date to be of maximum benefit to the floriculture industry. This annual flower and foliage survey is designed to do this job.

Results of this survey will be published by the Statistical Reporting Service, USDA, on March 27, 1974. This report will aid growers and florists in measuring industry changes and in making operational decisions based on up-to-date statistics.

The flower business in the Commonwealth State is sizeable. In 1972, total value at wholesale of the four important flowers and of foliage plants estimated in Pennsylvania amounted to $17.8 million.

Continued success of the survey program depends upon the voluntary cooperation of flower producers. Information supplied by each individual operation will be kept confidential.

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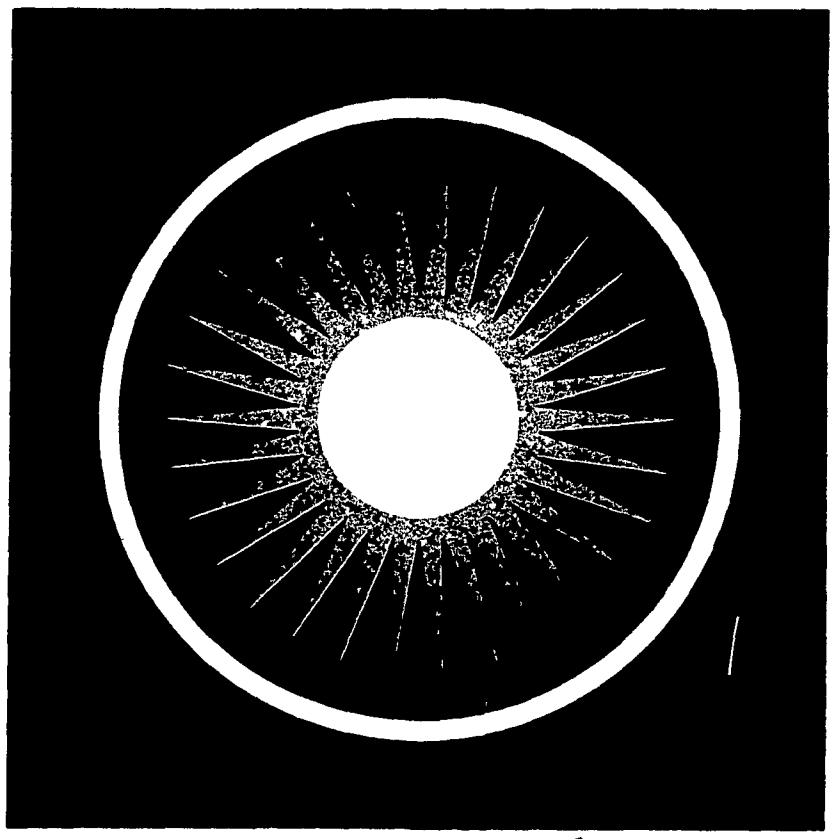

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Farm Show Association Meetings

PENNSYLVANIA AYRSHIRE BREEDERS ASSOCIATION

Monday, January 7

Business Meeting, Room E, Main Show Building One hour after the judging is over

Speaker David Gibson, Executive Secretary, Ayrshire Breeders Assn., Brandon, Vt

PENNSYLVANIA STATE BEEKEEPERS ASSOCIATION

Monday, January 7

9 30 a m —Executive Committee Meeting, Room 309, Department of Agriculture Building

10 00 a m —Regular Business Meeting
Election of officers

6 30 p m —Banquet, Colonial Park United Church of Christ, 5000 Devonshire Road

PENNSYLVANIA BERKSHIRE BREEDERS ASSOCIATION

Monday, January 7

2 00 p m —Business Meeting, Room B, Main Show Building

PENNSYLVANIA CHAROLAIS ASSOCIATION

Wednesday, January 9

4 00 p m —Annual Meeting, Room B, Main Show Building

Election of officers and directors.

PENNSYLVANIA CHESTER WHITE SWINE BREEDERS ASSOCIATION

Tuesday, January 8

1 00 p m —Business Meeting, Room D, Main Show Building

PENNSYLVANIA CHRISTMAS TREE GROWERS ASSOCIATION

31st Annual Winter Meeting

Penn-Harris Motor Inn

Sunday, January 6

4 00 p m —Directors Meeting, Susquehanna Room

Monday, January 7

8 30 a m -12 Noon
Registration, Educational Sessions, Cumberland Room

1 30 p m —Business Meeting, Elections.

6 30 p m —Banquet, Susquehanna Room

Tuesday, January 8

9 00 a m -12 00 Noon
Educational Sessions, Panel Discussions, Cumberland Room

PENNSYLVANIA YORKSHIRE COOPERATIVE ASSOCIATION, INC.

Wednesday, January 9

3 00 p m —Room E Main Show Building
Annual Meeting and election of directors and officers

Address—Field man from American Yorkshire Club.

PENNSYLVANIA DAIRYMEN'S ASSOCIATION

Tuesday, January 8

6 30 p m —Annual Meeting and Banquet, Penn Harris Motor Inn, Camp Hill

Speaker Edward Custer, Professor of Dairy Husbandry, Mississippi State University

SOCIETY OF FARM WOMEN OF PENNSYLVANIA

55th Annual State Convention

Monday, January 7

10 00 a m —Opening Ceremonies, The Forum, Education Building
1 00 p m —Convention reconvenes
4 00-6 00 p m —Social Hour, Penn Harris Motor Inn, Camp Hill
6 00 p m —Banquet, Penn Harris Motor Inn

Tuesday, January 8

9 00 a m —Annual Business Meeting, Room F, Main Show Building.
Speaker: Mrs. D. Wilbur Erb, R.D. 1, Harrisburg, Pa. 17111.
Elections.

(Continued On Page 9)

L. H. BRUBAKER, Inc.

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GOOD USED FARM MACHINERY

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N.H 67 Hayline Baler
N.H 269 Baler w-Thrower
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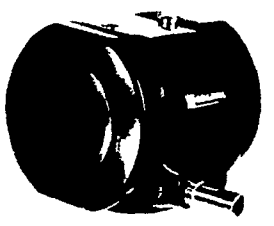

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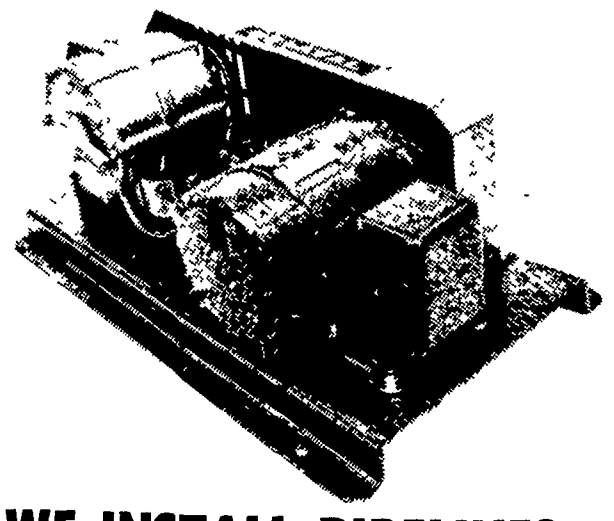
No. 76 - 34 C.F.M.



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Blue Ball, Pa. — CALL 354-7481

Farm Show Association Meetings

(Continued From Page 8)

PENNSYLVANIA FLYING FARMERS ASSOCIATION

Wednesday, January 9

10:00 a.m -12:00 Noon—Meeting, Room E, Main Show Building.

FUTURE FARMERS OF AMERICA

Monday, January 7

8:30 a m.—Executive Council Meeting, Room 200, Education Building.

1:30 p.m.—Executive Council Meeting reconvenes.

Tuesday, January 8

8:30 a.m.—Executive Council Meeting reconvenes, Room 321, Education Building.

1:30 p.m.—Executive Council Meeting reconvenes.

Wednesday, January 9

8:30 a m.—Executive Council Meeting reconvenes, Room 200, Education Building.

12 30 p m.—Annual Awards Convention, The Forum, Education Building.
Concert, State FFA Band.
Opening Ceremony.
Greeting: Dr. John W. Struck, State Director of Vocational Education.
Address: Honorable Donald O. Oesterling, Deputy Secretary, Environmental Resources Dept.
Conferring Honorary Keystone Farmer Degrees.
Presentation of FFA Citations.
Introduction of American Farmers.
Presentation of Agriculture Proficiency Awards.
Conferring of Keystone Farmer Degrees.
Closing Ceremony.

FUTURE HOMEMAKERS OF AMERICA

Monday, January 7

1 00 p.m —Executive Council Meeting. Room A, Nationwide Inn.

Tuesday, January 8

9:00 a m —Executive Council Meeting reconvenes
1:00 p m —Executive Council Meeting reconvenes

Wednesday, January 9

9·30 a m —Annual Winter Meeting, The Forum, Education Building.
Opening Ceremony.
Greetings.
Reports
Conferring of Honorary Memberships.
Conferring of State Homemakers Degrees.
Closing Ceremony.

PENNSYLVANIA GUERNSEY BREEDERS ASSOCIATION

Tuesday, January 8

43rd Annual Meeting, Scottish Rite Cathedral, 2701 N Third Street

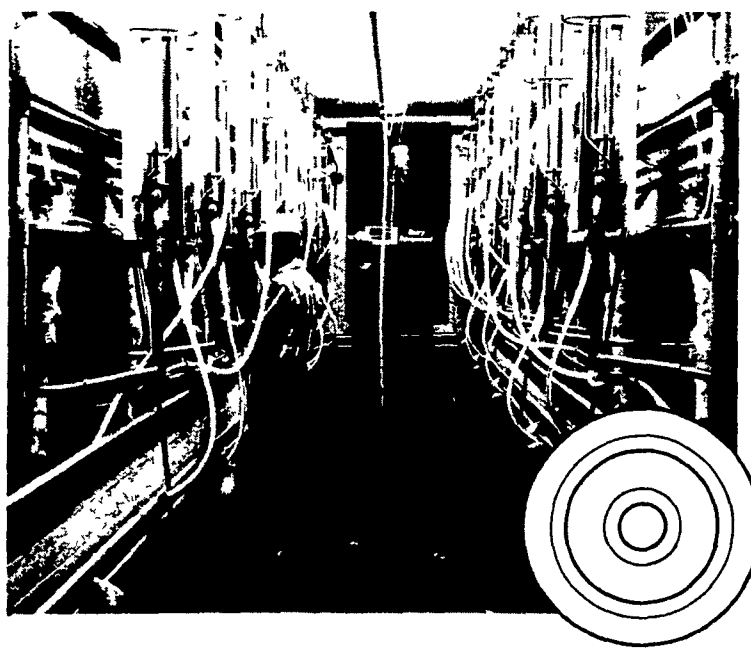
10 00 a m —Business Meeting.
Business Managers Report

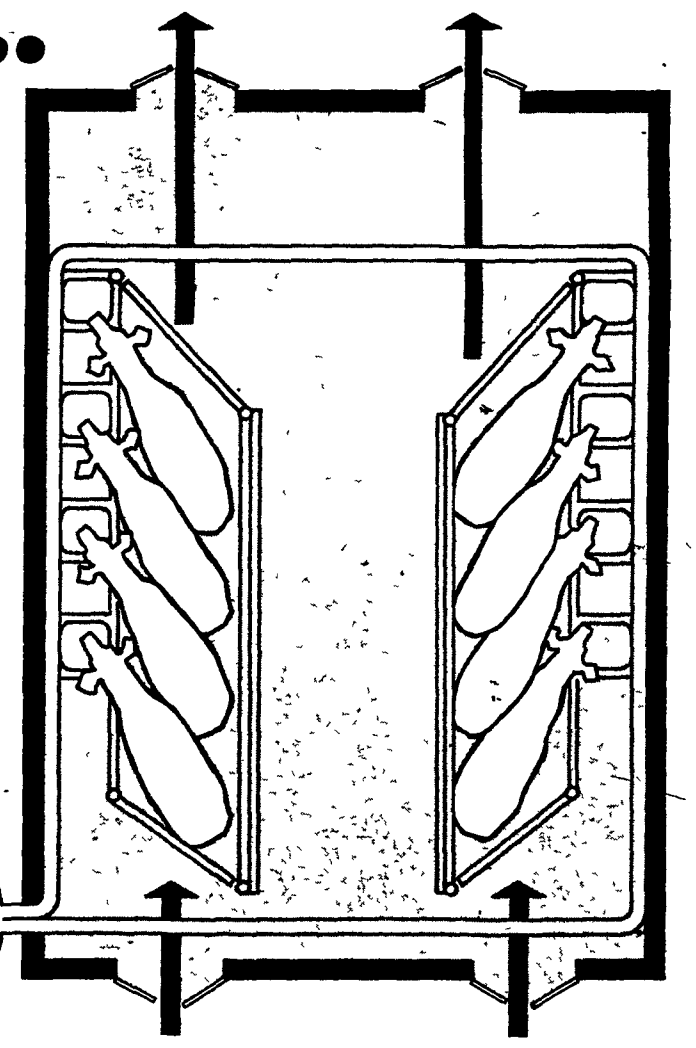
(Continued On Page 11)

AGWAY

Sta-Rite Full-Comfort™ Milking Parlors and Reflex Arms...

Small herd modernization with big herd potential.





The Sta-Rite Full-Comfort Milking Parlor takes the bumps and bruises out of milking. Straight-through design gets your cows in and out faster, safer . . . lets each cow use the room she needs. Udder position is close to operator . . . no bending, no stretching. All milking equipment within easy reach. Curbing is stainless steel . . . sanitary, durable.

Sta-Rite Reflex Arms™ eliminate milking's most important decision: when to remove the milker. Shuts off vacuum automatically when milk flow stops, removes milker from udder . . . and raises the unit, out of operator's way. Guards cows against over-milking. Guards your income against under-milking.

In a double-six Sta-Rite Full-Comfort Milking Parlor, with Reflex Arms and Air Gates for fingertip control of cow entry and exit, one good man can milk 75 to 80 cows per hour. And Sta-Rite Full-Prep™ Stalls mean clean, fast, milking starts— providing automatic udder washing and sanitizing. Add any of these to your milking system for improved efficiency. Or better yet—install a complete new Sta-Rite system.

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VISIT THE AGWAY BOOTH AT THE FARM SHOW

Calendar

Monday, January 7

58th Pennsylvania Farm Show, January 7-11 in Harrisburg.

Tuesday, January 8

Eastern Lancaster County Adult Farmer field trip to State Farm Show.

Wednesday, January 9

10 a.m. - 3:10 p.m. - Penna. Vegetable Growers Association, Room F, Farm Show.

1:30 p.m. - Five Acre Corn Club presentation of awards, Room B of Farm Show Building.

Mid-Winter Awards Convention of Penna. FFA Association, Forum Building, Harrisburg.

January 9-11 National Turkey Federation, Chase Park Plaza Hotel, St. Lewis.

Thursday, January 10

8 a.m. - 9 p.m. - Penna. Organic Farmer Consumer Organization (POFCO) meeting in Room D at Penna State Farm Show in Harrisburg.

Sunday, January 13

4:30 p.m. - Bit and Bradoon 4-H meeting, Winpenny's.

January 13-17 - American Farm Bureau's 55th annual Convention, Convention Hall, Atlantic City, New Jersey.

See a complete list of Farm Show activities, meetings, judging and awards elsewhere in this issue of LANCASTER FARMING.

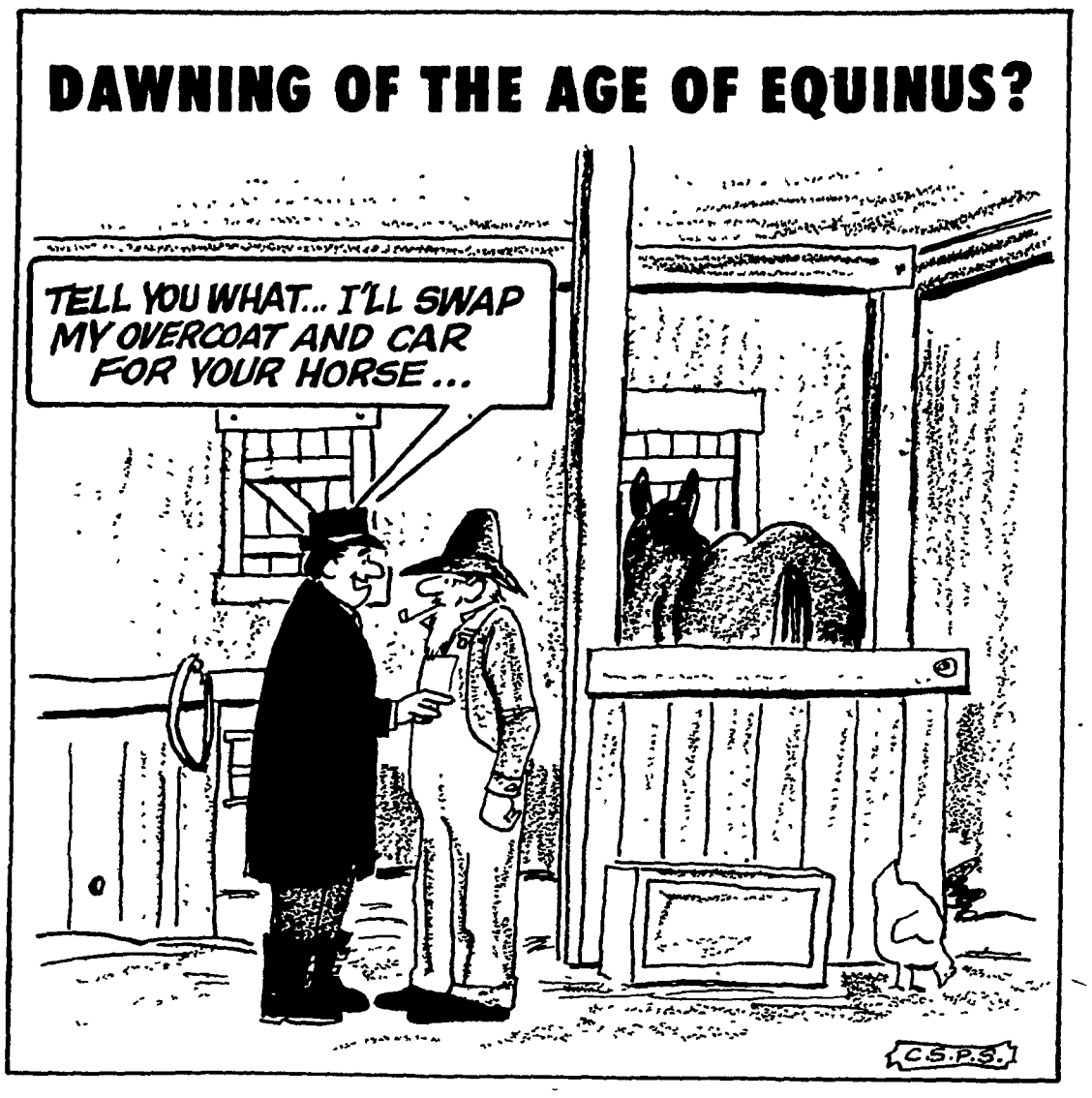
Slides Show Hands Signals For Farmers

"Hand Signals for Agriculture" is the title of a series of 12 slides being offered by the U.S. Department of Agriculture to help prevent accidents on the farm and to save time.

The 2x2 color slides show 11 different signals made with the hands and arms. They are useful when noise or distance makes voice communication difficult or impossible. Most are one-arm signals so they can be given even when only one arm is available. The signals were field tested in several states and are similar to those used in other occupations.

The series of slides (number A-60) can be ordered from Photography Division, Office of Communication, USDA, Washington, D. C. 20250. Cost is $8. Two copies of a one-page illustrated narrative guide accompany each set. The series was produced by USDA's Extension Service, in cooperation with the University of Wisconsin.

Friendly discussion---an argument in its initial stages.



"Grassroots Opinion"

CLIFTON FORGE, VA., REVIEW: "One of the horrors of modern living that some think they may be able to put up with is the fantastic rise in the price of onions. Since last year the price of onions has quadrupled. You could buy two pounds last year for around 29 cents. This year one would cost nearly twice that. For most Americans, it already takes about all their money to buy a hanburger for lunch. Now they will have to say 'hold the onions.' We have a feeling that not too many tears will be shed."

xxx

REDWOOD FALLS, MINN., GAZETTE: "The tragic part about . . . Watergate . . (was) that the people being questioned . (could have been) guilty as sin but . (were) tried, convicted and sentenced through the media without benefit of trial Whatever happened to the old innocent-until-proven-guilty concept? Even in the Old West they used to give the varmints a 'fair' trial before they hung 'em"

xxx

BROWNFIELD, TEXAS, NEWS-HERALD "Thanks to the rapid mail service these days, you can now buy a greeting card that's guaranteed to be right whenever it's delivered It's a St Easter Thankmas card"

xxx

FARMINGTON, ME, FRANKLIN JOURNAL AND FARMINGTON CHRONICLE "Once upon a time there was a small gray mouse--he was a wise little fellow in some respects He knew where the best corn was stored, he knew the coziest nook for a nest and he took pride that he was an up-and-coming member of his group There was however one area where the little fellow failed--when a controversial subject arose he found it more to his liking to let a friend get his point across all the while he stayed in his comfortable niche munching away on the tasty corn No one need ever know that he was out of tune with the world! Unfortunately there are people with the same failings as the mouse This is the reason many questions are not answered and issues are not resolved It is necessary that persons involved face the issues themselves and not choose a 'designated hitter to do their work for them Oftentimes the main issue is missed entirely when such tactics are involved"

MONTROSE, CALIF., LEDGER: "There are a lot of sincere people worrying because there soon might not be a national bird--an inspirational symbol of our country. And there are some who are worrying that there soon might not be a nation for the national bird. Look at the eagle on the Eisenhower (a base metal sandwich), and check the claws. They are all clasping the olive branch of peace. The older dollar--the real one that was mostly silver--depicted the national bird with one foot holding the olive branch, and the other a bunch of arrows--to be used, just in case . . "

xxx

ELK POINT, S.D., LEADER-COURIER: "Most countries of the world use the metric system for measurements. The notable exception is the United States and it probably won't be many years until this country does. It is actually a much simpler method than ours and it will be a great advantage especially with companies who engage in foreign trade. There are many other advantages as well. The bad feature about it is that we will all have to educate ourselves to a new system of measurement."

xxx

ST LOUIS, MO., LABOR TRIBUNE. "The . battle of the budget waged between the Congress and the Administration should draw public attention to the urgency of establishing coordinated planning and control of federal spending The nation can no longer afford a congressional appropriative process that resembles a gang of criminally inclined youths racing through a jewelry store If both Congress and the Administration fail to live up to their fiscal responsibilities, national bankruptcy seems to be the ultimate alternative And that usually requires a dictatorship and would end our freedom under representative government"

xxx

BELTON TEXAS, JOURNAL AND BELL COUNTY DEMOCRAT "In the face of all the current food shortages, many people in Washington still favor curtailment of production big subsidies, price supports, etc We simple-minded folk say to let things alone for a while and see if the law of supply and demand will work again like it used to"

NOW IS THE TIME . . .

Max Smith
County Agr. Agent
Telephone 394-6851

To Visit Farm Show

The Pennsylvania State Farm Show opens Monday in the old Farm Show Building at Harrisburg. In spite of gasoline conditions, show officials are making plans for a normal round of activities and huge crowds of people. Due to limited parking facilities near the Farm Show Building, officials are suggesting that folks attend the show other than Wednesday and Thursday, when the largest crowds have attended in past years. Active farmers are urged to attend, not only to see livestock and modern machinery, but to attend some of the meetings and banquets in their line of work. Urban families can learn more about animals and food production by taking their youngsters to the Farm Show.

To Order Seed Supplies

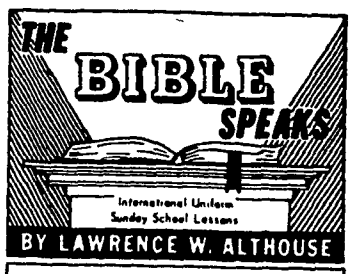
Even though it is the dead of winter according to the calendar, it is not too early to be ordering the farm and garden seeds needed this spring. Supplies may be limited and many adapted varieties will give better yields than some that you may have to take later in the spring. Seedsmen will also appreciate the early orders, in order to get their work organized. Certified seeds are still strongly recommended and worth the extra investment. Also, it is best to buy from a reliable seedsman that will give service and adjustments. The "bargain" buy from a stranger could be the most expensive transaction.

To Adjust Insurance Coverage

Building costs have been on the increase for many years. Fire insurance policies may need to be rewritten in order to cover the cost of replacement. To cover the original cost of a building is not enough; the coverage should keep in mind the replacement costs. The time to make this adjustment is before the fire – not afterwards. Local property owners are urged to contact their insurance agents and discuss the amount of coverage on current buildings and personal property. At this time of the year, most barns are full of feed and hay supplies, and many contain farm machinery. The coverage should be sufficient to cover the loss in case of fire. Don't delay your insurance adjustments.

American Viewpoints

"A national debt, if it is not excessive, will be to us a national blessing."
— Alexander Hamilton
1757 - 1804



THE EMPTINESS

Lesson for January 6, 1974

Background Scripture: John 6 25-48

Some time ago I saw in the display window of a local bakery the most delicious-looking piece of pastry. It was covered with icing, fruit, and several kinds of syrup. Just looking at the pastry made me extremely hungry The longer I stared at it, the greater grew that great void in my stomach

Rev. Althouse

I tried resisting the impulse to buy the pastry for two reasons (1) rich pastry isn't on my diet, and (2) I had already eaten a good desert at my last meal My stomach said "yes," and my mind said "no"

Insatiable appetites

I walked back and forth before that pastry window several times before, weakening, I entered and bought one With great anticipation I took my first bite It was good, but somehow it wasn't nearly as good as I had thought and when I finished I felt somehow a profound sense of disappointment There was still an emptiness unfilled

So it is with many of the things with which we attempt to fill that void The narcotics addict is but one of many who are hungry — desperate to fill the void within For some it is the bottle, for others it is the addicts' needle, but an even larger number of people strive to fill the emptiness with bright and shining things" — success, power, work, speed, sex, etc. Yet the appetites seem insatiable and impossible to satisfy.

Bread is often referred to as "the staff of life" in recognition that it is the universal symbol for sustenance. Whether it be the unleavened, cracker-like wafers of the primitive tribes or the soft white bread found on most American tables, bread is a basic food. It represents man's attempt to provide for himself and his family the food necessary for life.

"Not by bread alone . . ."

Yet, Jesus said that "man does not live by bread alone," and it is true: there is an even more vital hunger than for bread or any material food. Man's problem is that he too often tries to fill his deeper, spiritual hunger with a material nourishment.

In John 6 we see Jesus speaking to this directly· Do not concentrate on physical nourishment and satisfaction which lasts only a short time. Seek the spiritual nourishment which only God's Son can give; that "food" lasts for ever The men had missed the deeper meaning of the feeding of the five thousand Jesus is capable of filling men's deepest needs

Jesus had stunned them with his miracle of feeding five thousand people Even more startling was his claim and promise: "I am the bread of life; he who comes to me shall not hunger " (6:35) Far greater than his power to fill men's stomachs was the ability of Jesus to fill that even greater spiritual emptiness within

Based on outlines copyrighted by the Division of Christian Education, National Council of the Churches of Christ in the U S A Released by Community Press Service)

Farm Show Association Meetings

(Continued From Page 9)

Election of officers and four directors.

12 Noon—Banquet.

William H Juzi, Toastmaster.

Address: Edward W. Custer, Professor of Dairy Husbandry, Mississippi State University.

Presentation of Production and Show Awards.

PENNSYLVANIA HORSE AND MULE ASSOCIATION

Tuesday, January 8

8:00 p m —Business Meeting, Room E, Main Show Building.

Election of officers

PENNSYLVANIA JERSEY CATTLE CLUB, INC.

Wednesday, January 9

Directors Meeting Open to All Jersey Breeders

1:30 p m —Business Meeting, Office No. 2, Large Arena Building.

Speakers: John Bishop VI, Owner of Ogston Farm, Director of American Jersey Cattle Club, Columbus, New Jersey. Charles Baldwin, Area Field Representative, American Jersey Cattle Club.

PENN-MAR SHROPSHIRE BREEDERS CLUB

Monday, January 7

4:30 p m —Business Meeting, Room C, Main Show Building.

PENNSYLVANIA MAPLE PRODUCERS COUNCIL

Thursday, January 10

Open to All Maple Producers

1:00 p m —Meeting, Room 309, Department of Agriculture Building.

Introduction of guests.
Maple Man of the Year Award.
Committee Reports.
Plans for 1974.
Agricultural Progress Days.
Election of officers.

PENNSYLVANIA FARMERS MILK JUGGING ASSOCIATION, INC.

Wednesday, January 9

1:00 p m.—Business Meeting, Room C, Main Show Building

PENNSYLVANIA NUT GROWERS ASSOCIATION

Thursday, January 10

10.00 a.m —Business Meeting, Office No. 2, Large Arena Building.

Educational Program.

Election of officers.

1.30 p m.—Meeting reconvenes Educational Program.

PENNSYLVANIA POULTRY FEDERATION

Wednesday, January 9

6:30 p m —Banquet, Penn-Harris Motor Inn, Camp Hill.

Address: Tennyson Guyer, Ohio Congressman.

PENNSYLVANIA RED & WHITE DAIRY CATTLE ASSOCIATION

Tuesday, January 8

1:00 p.m.—Business Meeting, Room C, Main Show Building.

PENNSYLVANIA RAW MILK PRODUCER-DISTRIBUTORS ASSOCIATION

Monday, January 7

1:30 p m —Business Meeting, Office No. 2, Large Arena Building.

PENNSYLVANIA RURAL ELECTRIC ASSOCIATION

Wednesday, January 9

Member Services Meeting

8:30 a.m.—Ninth Annual Winter Meeting, Fiddler Room—Host Inn.

Business Meeting.

Election of officers.

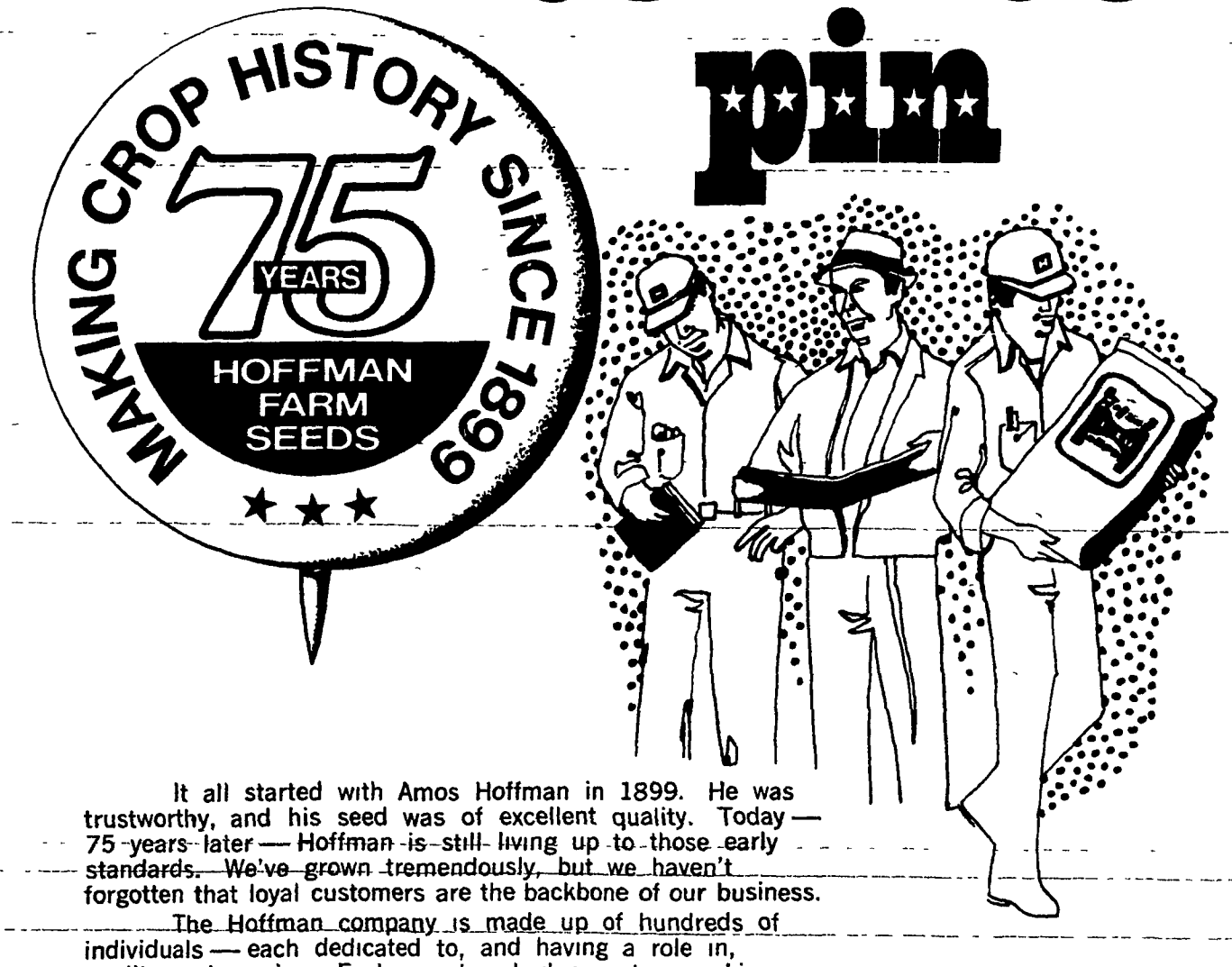
PENNSYLVANIA BROWN SWISS ASSOCIATION

Wednesday, January 9

3 00 p m —Business Meeting, Room D, Main Show Building.

(Continued On Page 12)

75-Year service pin



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Thank you for that confidence. We promise no let-up in our efforts to continue to deserve it.

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Vegetable Group Slates Meeting

The Pennsylvania Vegetable Growers Association will hold a meeting in Harrisburg during the Pennsylvania Farm Show, according to Herman Hostetter, Sinking Springs, who is chairman of the meeting. The meeting will be held on Wednesday, January 9, in Room F of the main Farm Show building. The day's schedule will include:

10:00 AM - 10:45 "Varities, Disease Resistance, and Defects of Tomatoes"; Robert Fletcher, Professor Vegetable Crops and Horticulture Extension, Pennsylvania State University.

10:45 AM - 11:30 "Caged Tomatoes - Varieties, Spacing, Yields, Types and Sizes of Cages and Efficiency"; Panel Discussion: Boyd Mertz, Grower, Moderator; Leroy Pfautz, Grower; Herman Hostetter, Grower.

11:30 AM - 12:15 "Motivating Your Employees" Techniques you can employ to increase productivity of your employees or even your teenage son; Stan Carnarius, Director, Personnel and Training, Sperry New Holland.

1:15 PM - 2:00 "Techniques Used to Produce Earlier Cantaloupes and Cultural Practices Used to Maintain Quality and Good Yields in Later Plantings of Cantaloupes"; Robert Fletcher, Professor, Vegetable Crops and Horticulture Extension, Pennsylvania State University, Moderator; Bill Baronner, Grower; Marlin Fitz, Grower; Bob Gross, Grower.

2:00 PM - 2:40 "Some New Production and Varietal Possibilities for Strawberries and Brambles"; Dr Peter A. Ferretti, Asst. Professor Small Fruits and Vegetables, Horticulture Extension, Pennsylvania State University.

2:40 PM - 3:10 "Honey Bees and Pollinating Vegetable and Small Fruit Crops", W. W Clarke, Jr., Entomology Extension, Pennsylvania State University.

"A dime is not entirely worthless. It makes a fairly good screwdriver."— **Willa M. Jenkins,** The (Hermitage, Mo.) Index.

Farm Show Association Meetings

(Continued From Page 11)

PENNSYLVANIA CO-OPERATIVE SHEEP AND WOOL GROWERS ASSOCIATION

Tuesday, January 8

2 00 p m —Business Meeting, Room B, Main Show Building

PENNSYLVANIA MASTER CORN GROWERS ASSOCIATION

Wednesday, January 9

1·30 p m —Meeting, Room F, Main Show Building
Recognition of Winners in Pa. Master Corn Growers Club

PENNYLVANIA COOPERATIVE SWINE BREEDERS ASSOCIATION

Monday, January 7

7 00 p m —Business Meeting, Room B, Main Show Building

Tuesday, January 8

Swine Sales Sponsorship—Small Arena.

10 00 a m —Chester White
11 30 a m —Berkshire
1 00 p m —Duroc
2 30 p m Hampshire

Wednesday, January 9

Swine Sales Sponsorship—Small Arena

10 00 a m —Landrace
11·30 a m —Yorkshire.
1 00 p m —Spotted Swine
2 30 p m —Poland China
7 30 p m —Executive Committee Meeting, Room C, Main Show Building.

PENNSYLVANIA VEGETABLE GROWERS ASSOCIATION

Wednesday, January 9

10 00 a m to 3 10 p m —Meeting Room F, Main Show Building

10 00-10 45—Variety, Disease, Resistence and Defects of Tomatoes, Robert Fletcher, Prof. Vegetable Crops, The Pennsylvania State University

10 45-11 30—*Caged Tomatoes*—Boyd A Mertz, Secretary of Vegetable Growers.

11 30-12 15—*Motivating Your Employees*—S Carnarius, Director of Personnel and Training at Sperry New Holland

12 15- 1 15—Lunch

1 15- 2 00—*Cantaloupe Production*—Panel Discussion—Robert Fletcher and Dr Peter A Ferretti, Horticulture Extension, The Pennsylvania State University

2 40- 3 10—*Honey and Pollinating Vegetables and Small Fruit Crops*—W W Clarke, Jr., Entomology Extension, The Pennsylvania State University

EVENING FEATURES

LARGE ARENA

Monday Evening—7:30

SECRETARY OF AGRICULTURE'S NIGHT

Presiding Honorable Raymond J Kerstetter
Deputy Secretary of Agriculture

Greetings Honorable James A McHale
Secretary of Agriculture
Chairman, Farm Show Commission

Pennsylvania State Police Exhibition

Tuesday Evening

MASTER FARMERS' NIGHT

6 15—Future Farmers of America Band Concert
James W Dunlop, Director
The Pennsylvania State University

7 30—Folk Dance Festival and Contest
Joseph R Cardenuto, Director
The Pennsylvania State University

Groups participating
Division A—Under 17 years of age
Division B—Between 15 and 25 years of age
Division C—Any age or combination of ages

Wednesday Evening—4:30

Lightweight Horse Pulling Contest
Six-Horse Hitch Demonstration
Heavyweight Horse Pulling Contest

Thursday Evening—7:00

Livestock Cavalcade
4-H Light Horse and Pony Demonstration
by Cumberland County 4-H Horse and Pony Club

No Program Friday Evening
Show Closes 4:00 P.M.

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J.D. 4 Bottom Plow

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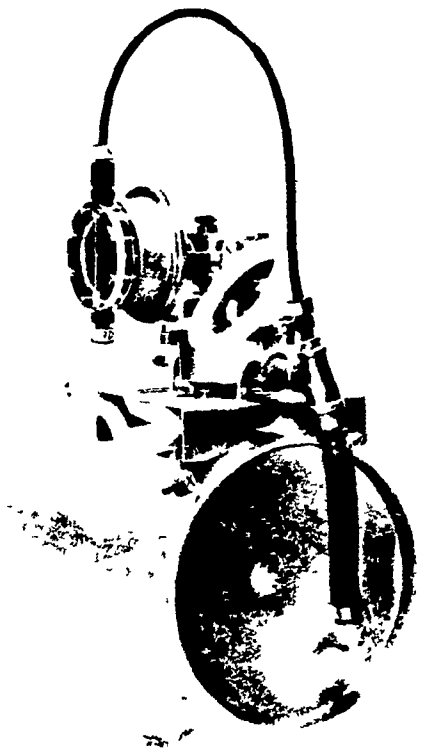

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Scientists Seek High-Yield Soybeans

The soybean industry anticipates world markets for 2 billion bushels of beans by 1985, nearly double the present demand.

This unprecedented demand is challenging growers to plant larger acreages of soybeans and to examine present production techniques. To help growers achieve advances in production, scientists at the U.S. Regional Soybean Laboratory, Urbana, Ill., are cooperating on a broad spectrum of research with the Illinois Agricultural Experiment Station. Research at the Laboratory, administered by ARS, the USDA's Agricultural Research Service, constitutes concentrated team approach to getting answers to the question: How can we step up soybean yields to match increasing world demands?

Nitrogen Utilization:

One puzzle to be solved is how to improve nitrogen utilization. Plant physiologist James E. Harper says about 400 pounds of nitrogen are required to produce a 70 bushel per acre soybean crop. But his research, involving both soil plots and outdoor hydroponic units, shows that neither nitrogen fertilization nor nitrogen-fixing bacteria alone can meet the legume's need for this element at anticipated yield levels. Normally, symbiotic fixation can provide about 100 pounds of nitrogen per acre; however, high levels of nitrate fertilization inhibit fixation.

Accordingly, Dr. Harper is orienting his research toward enhancing the compatibility of the two systems of nitrogen utilization. Soybean plants lose some ability to take up and use nitrate at the end of the growing season – a condition which favors maintaining symbiotic fixation for higher yields. Perhaps some new form of nitrogen fertilizer may be found that is less inhibitory to symbiotic fixation. An alternative may be to seek strains of nitrogen-fixing bacteria that tolerate high rates of nitrogen fertilization.

Nutrients and Lodging:

Improving the crop's ability to use nutrients may intensify another barrier to higher yields -- lodging. Agronomist Richard L. Cooper, research leader of the Laboratory, found that plants affected by early lodging form fewer soybean seeds than do those which escape lodging.

How lodging affects yield is not fully understood, but evidence points to reduced light-use efficiency. When lodging occurs at early pod set, a highly organized crop canopy is disrupted, causing light to be distributed less uniformly over the total leaf area because of increased mutual shading of leaves. Moreover, the older leaves get more light while many younger, more photosynthetically active leaves become shaded. Dr. Cooper suggests that lodging may also lessen yields by stimulating terminal growth and excessive branching at the expense of seed set. Developing semi-dwarf varieties may provide a solution.

Soybean breeders, taking a cue from wheat and rice breeders, are at work developing semi-dwarf soybeans that will be high-yielding as well as resistant to lodging. In other research, Dr. Cooper is investigating the effectiveness of 7-inch rows and low plant populations in preventing lodging. Adequate weed control will be essential for insuring higher yields with narrow rows.

Weeds and Yields:

In research on weed ecology, data on soybean yields are being collected from plots where crops and herbicide treatments have been rotated since 1964. This long-term project, funded by ARS as a cooperative agreement with the University of Illinois, is led by weed scientists, Fred W. Slife of the Illinois Agricultural Experiment Station. Scientists are also compiling information on weed yields, weed seed content of the soil, and herbicide residues -- plus their effects on nematodes and other small animal life in the soil.

Effect of Sunlight:

Plant physiologist William L. Ogren, is probing the secrets of photosynthesis in hopes of increasing soybean yields (AGR. RES., Sept. 1971, p. 8). Dr. Ogren points out that soybeans, compared with plants like corn, sorghum and sugarcane, are inefficient users of sunlight. Photosynthesis in the soybean is retarded by a process called photorespiration wherein the plant, in the presence of light and abundant oxygen, breathes out some carbon dioxide (CO_2) that had previously been incorporated in sugars.

Dr. Ogren is trying to develop nonphotorespiring soybean plants by applying radiation and other nutagenic agents to seeds. If he succeeds in modifying the enzyme that triggers the changing of CO_2 into sugars and vice versa, soybean yields could theoretically increase by about 50 percent.

Content of Beans:

Chemical composition, especially oil and protein content, is an important consideration in developing new soybean varieties. Chemist Orlang A. Krober supervises the annual analysis of 8,000 to 12,000 seed samples, mostly in support of uniform tests in a soybean breeding program which the U.S. Regional Soybean Laboratory coordinates with several State Agricultural Experiment Stations.

He is also developing an experimental infrared reflectance method for determining protein, oil, and moisture content of soybeans. This method may expand the scope of chemical research in breeding programs and may enable growers to be

(Continued On Page 15)

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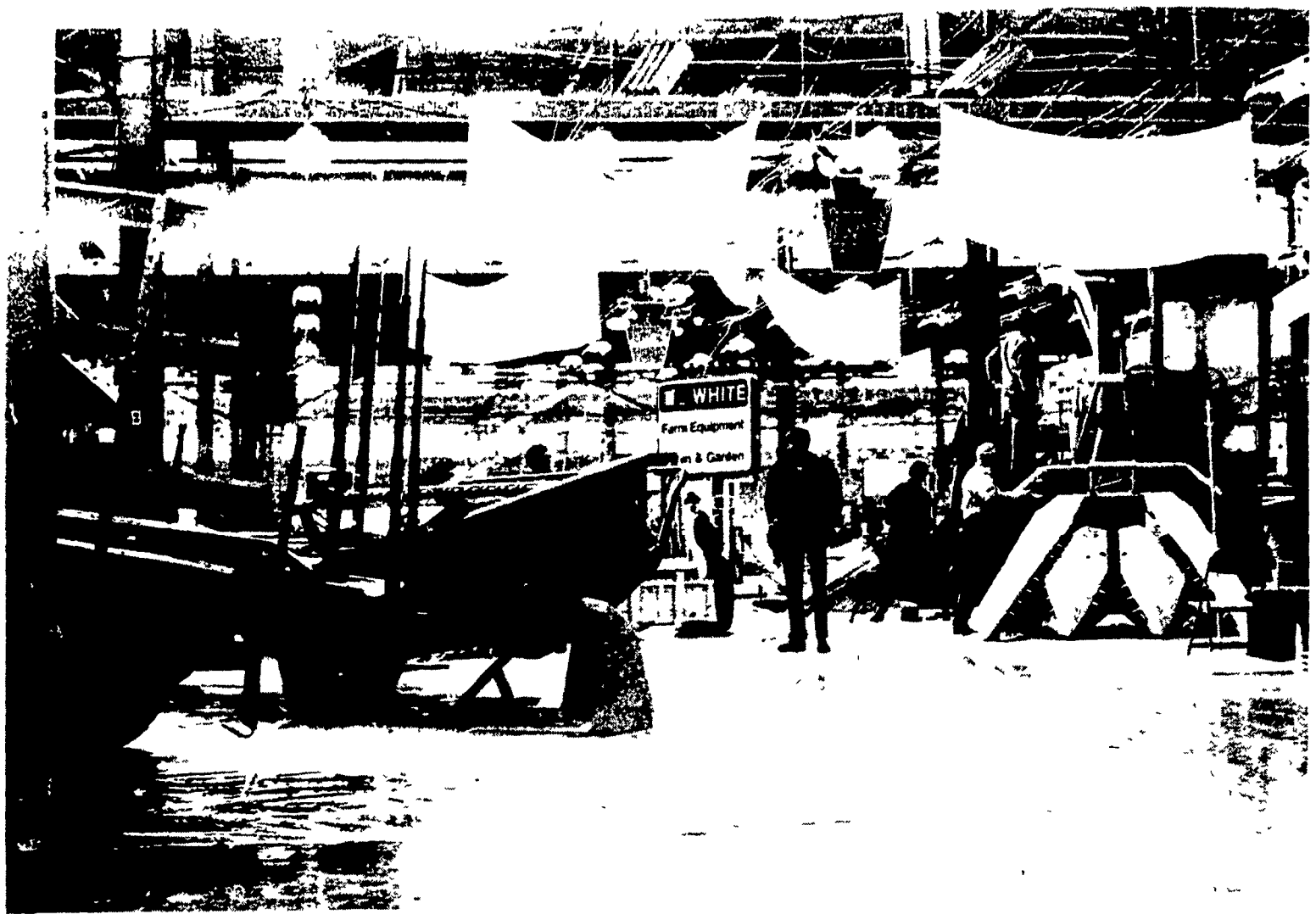

Workmen were busy getting ready this week for the Pennsylvania Farm Show, which opens in Harrisburg on January 7. The main exhibit area, shown here, was in a state of disarray on Wednesday morning and virtually deserted.

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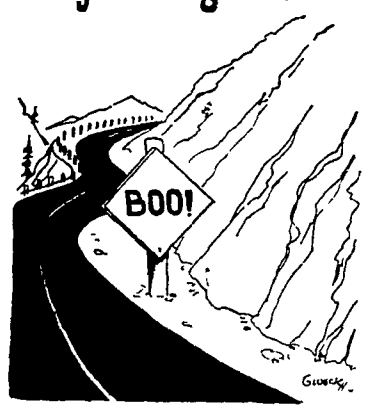
My Neighbors



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Seek

(Continued From Page 13)

paid on the basis of quality as determined at the elevator.

Scientists are also paving the way for breeders to develop varieties that produce more oil and protein. For example, plant physiologist Robert W. Rinne is studying the metabolism of growing soybean plants to trace the biochemical pathways involved in the synthesis of oil and protein.

Disease Control:

Losses to diseases -- which vary from year to year, but average 10 to 12 percent annually -- must be reduced. Brown stem rot, an important disease in the Midwest, for example, claims up to 25 percent of yield in some fields. This disease is among several currently studied by plant pathologists Ronald W. Chamberlain and Lynn E. Gray.

Another disease under study is charcoal rot. It significantly cuts yields but often goes unnoticed because plants that seemingly are maturing a few weeks early are actually infected -- their seeds may fail to develop or the pods may fill poorly.

Dr. Norman Reber, left, and James McHale study the proposal for a Keystone Exposition Center to replace the Pennsylvania Farm Show buildings. Reber, editor of Pennsylvania Farmer magazine, is chairman of the Keystone Exposition Center Committee, and McHale is Pennsylvania's secretary of agriculture.

Developing varieties with resistance to several diseases and insects is a goal of plant breeders but necessary germplasm has often been lacking. Geneticist Richard L. Berneard, who developed varieties now grown on most of the Midwest's soybean acreage, made a plant exploration trip to Japan and Korea last fall, collecting over 2,000 soybean seed samples, including some from wild species. When these materials are fully catalogued, the Nation's soybean germplasm resources may more than double

New races of insects and diseases constantly evolve so that the plant breeder's work is never finished. Until some new soybean varieties are developed -- a few years hence -- soybean cyst nematode (SCN) Race 4 may become the number one limiting factor of soybean production in some places. These nematodes occur in many areas of Missouri, Tennessee, and Arkansas and were found in two places in the southern tip of Illinois in 1972. For the present, nematologist Dale I. Edwards advises: "crop rotation of soybeans with corn or small grains, maintained free of all weed hosts for at least 3 to 5 years, offers the best control for SCN"

When breeders develop soybean varieties resistant to the new race of SCN, initial supplies of seed will be limited. Dr. Edwards suggests there may be advantages to blending the seed of resistant with susceptible varieties beyond merely conserving the new seed. The resistant seed fraction in blends may serve as a trap crop in which the nematodes enter but fail to mature. Blends may also help curb development of still newer races of pests, a problem whenever pests are continuously exposed to resistant plants.

Harvest Losses:

Ever since soybean production has become a viable industry it has been beset by significant harvest losses. A 1927 University of Illinois study showed that these losses exacted 11.7 percent of the State's crop yield. Today's losses in major soybean-producing States average 8 to 10 percent of the yield.

Agricultural engineer W. Ralph Nave is studying design needs for soybean harvesting and handling equipment, including use of high-speed photography to isolate causes of harvesting losses. His design work on combines employing compressed air and floating cutterbars looks promising. In other research, he found that many farmers could reduce losses by 1 or 2 bushels per acre through proper adjustment of contemporary combines.

Advances in the Federal-State cooperative research will provide the know-how for the Nation's farmers in achieving higher soybean yields on about 50 million acres already devoted to the crop, nearly 30 percent of which is exported.

Behm Holstein is 4th to Produce 300,000 Lbs.

Or-Win Masterpiece Riva 4624699, VG-85, owned by Willard Behm and son Gary, Adrian, Michigan, has become the fourth registered cow in the history of the Holstein breed in the United States to produce in excess of 300,000 pounds of milk in her lifetime. Her official total to date is 306,389 pounds, which puts her in second place on the all-time leaders list behind College Ormsby Burke who produced 334,292 pounds in her lifetime.

Riva recently calved for the 15th time with her 12th bull and owner Gary says, "she is starting out like she could equal her record of last year of 23,135 pounds milk, a Michigan state record for senior aged cows."

Born October 5, 1956, Riva was sired by Brookview Masterpiece Model 1133635 and is out of Or-Win Dunloggin Pietje Reva 3497701. She calved for the first time on October 5, 1958 and has calved regularly ever since.

A phenomenal producer her entire life, Riva has nine records of 365 days or less in which she has produced in excess of 20,000 pounds of milk. Her top record was made at six years six months of age when, in 365 days, she produced 32,552 pounds of milk and 1,000 pounds of butterfat.

Riva has had only three heifers out of her 15 offspring, two of which are still in the Behm herd. One daughter, Or-Win Premier Rival 6546374, in five lactations has produced 81,620 pounds of milk with a top record as a six-year-old of 21,640 pounds of milk, 703 pounds of fat in 351 days.

Riva's other living daughter, Or-Win Premier Rita 7114535 has a two-year-old record of 15,630 pounds milk and 522 pounds fat

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LIVESTOCK SCHEDULE — JUDGING, SALES, CONTESTS

TYPE OF LIVESTOCK	ARENA	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
HORSES	Large	9 00 a m Belgian 1 00 p m Grade	9 00 a m Percheron			
DAIRY CATTLE Open and Junior Classes	Large	8 00 a m Ayrshire, Guernsey	8 00 a m Holstein, Milking Shorthorn	8 00 a m Brown Swiss, Jersey		
BEEF BREEDING CATTLE	Large			Open Classes 9 00 a m Hereford 9 00 a m Angus 12 00 p m Polled Hereford 12 30 p m Shorthorn 1 30 p m Charolais	9 00 a m Junior Classes Angus Charolais Hereford Shorthorn	
JUNIOR BEEF CATTLE	Large Small				10 00 a m Angus 11 15 a m Hereford 12 30 p m Crossbred and Other Breeds 1 45 p m Grand Champion Steer 2 00 p m Junior Trios	10 00 a m Junior Showmanship Contest 2 15 p m Junior Steer Sale
SHEEP and LAMBS	Small Large	**SUNDAY** 1 00 p m Hampshire 2 00 p m Cheviot 3 00 p m Southdown 8 00 a m Suffolk 9 00 a m Shropshire 10 00 a m Dorset 1 00 p m Corriedale 2 00 p m Rambouillet 3 00 p m Merino			9 00 a m 4-H Breeding Sheep Junior Market Lamb Show 10 30 a m 4-H Market Lambs Contests 2 30 p m 4-H Lamb Fitting and Showmanship 4 00 p m 4-H Sheep Blocking and Grooming	1 15 p m Junior Market Lamb Sale
SWINE	Small	8 00 a m Chester White 9 00 a m Poland China 10 00 a m Duroc 11 00 a m Hampshire 12 30 p m Berkshire 1 30 p m Yorkshire 2 30 p m Spotted Swine 3 30 p m Landrace	Sales 10 00 a m Chester White 11 30 a m Berkshire 1 00 p m Duroc 2 30 p m Hampshire	Sales 10 00 a m Landrace 11 30 a m Yorkshire 1 00 p m Spotted Swine 2 30 p m Poland China	9 00 a m Junior Market Barrow Show	12 30 p m Junior Market Hog Sale

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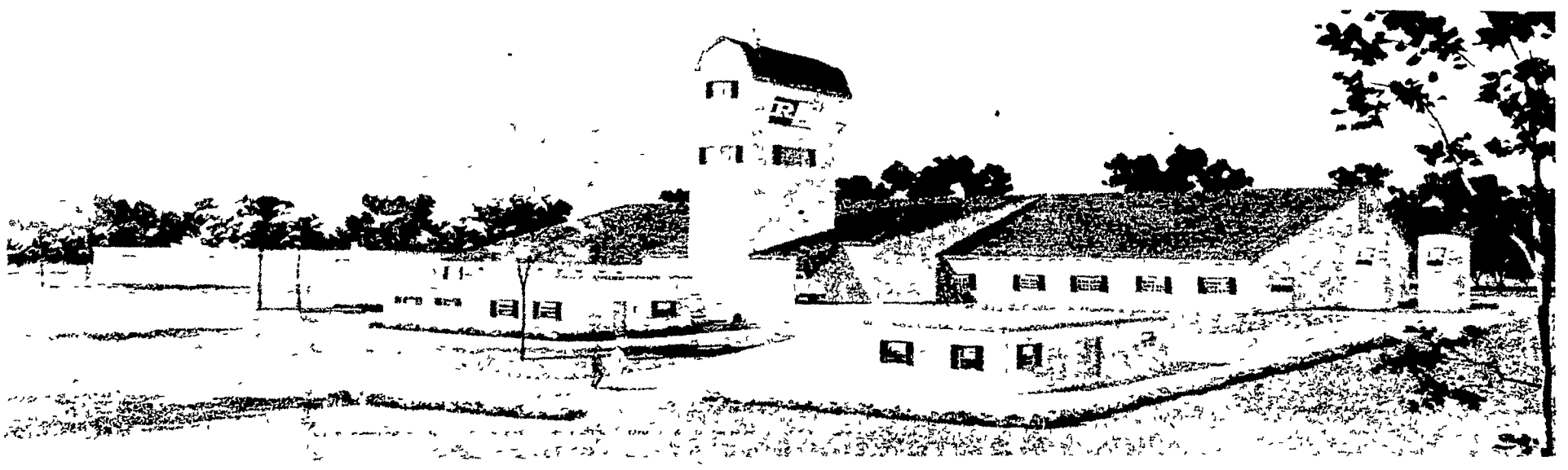

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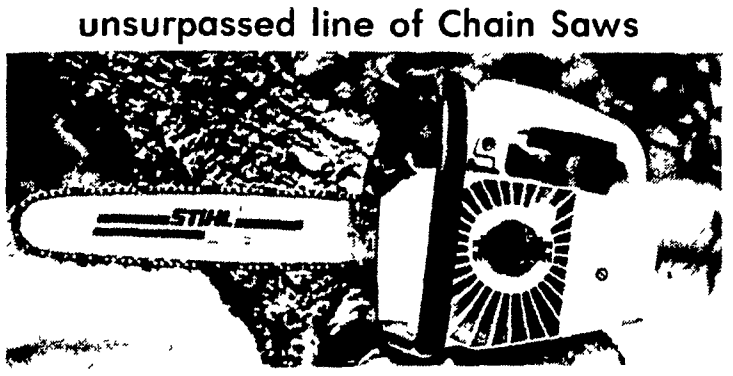

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New Holland Sales Stables Sold to Kolb, Diffenbach

The sale of business property and all outstanding stock of the seventy-five-year-old New Holland Sales Stables was announced this week. The purchase of the well-known livestock sale facilities was made by Abram W. Diffenbach, the present General Manager and Norman Kolb, son of one of the original founders of the business. Included in the sale is 18 acres of land, railroad sidelines, buildings to house all types of farm livestock, a restaurant, two auction arenas, snack bar locations and a blacksmith shop.

The horse sale each week on Monday at New Holland has become known as the largest sale of it's kind and many out-of-state visitors attend each year. Other weekly auctions include hogs, beef cattle, feeders, veal calves, dairy cattle, bulls and sheep as well as hay, corn and straw.

Diffenbach, a graduate of Manheim Twp. High School and the Reppert School of Auctioneering, Decator, Ind. will continue as General Manager He has conducted many 4-H Sales in Pennsylvania including the Pa. State Farm Show 4-H Baby Beef and Lamb Sale in Harrisburg each January since 1958.

Kolb, a livestock-farmer dealer importing cattle from Canada as well as assembling dairy herds from local sources is a graduate of East Lampeter High School. He has a 100-herd dairy herd at 355 Pitney Road.

Diffenbach said the new owners will offer their management and sales teams for foundation and dispersal auctions to the public, either at the New Holland auction barn or at the individual's location in the Eastern U. S. The service will include clearing of checks, office persons, ring men, preparation crews, pedigrees, advertising and auctioneers.

The weekly sale schedule will continue as in the past.

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Gov't Owned Wheat Goes To Market

Secretary of Agriculture Earl L. Butz today took action to free around 82 million bushels of wheat from government control and to move it to market.

Elevator owners are being asked to divert all possible railroad car space to shipment of government-owned wheat that has been sold, not shipped, and on which loading orders have been issued six months or earlier. Failure to comply with this request will result in storage payments being cut off. These payments run about $500,000 per month. Presently, elevator owners are required to use only 50 percent of their available rail car capacity to move government grains.

The steps taken today by the Secretary to break the transportation bottleneck and to get the government controled stocks onto the market include:

– The 1.8 million bushels of wheat including durum owned by the government remaining in Commodity Credit Corporation (CCC)-owned bin sites will be advertised for sale early this year – by the end of January if possible. The wheat has not moved previously into the marketplace because of transportation problems.

– Loans for 33 million bushels of 1973-crop wheat will be called as of Jan. 15, 1974. This action should encourage producers having 1973 crop wheat under loan to market their grain in an orderly manner during the winter months prior to spring planting time.

– Deferred repayments will be terminated Jan. 15, 1974 on about 7 million bushels of 1972 and older crop wheat still under loan. Producers of this wheat were unable to sell or deliver this grain during the past year because of the tight storage and transportation situations which existed in some areas the past 12 months.

– Effective Jan. 15, 1974, the Department will require elevators, to the extent CCC has the oldest outstanding shipping order, to allocate 100 percent of their available railroad cars to the shipment of government-owned wheat which had been sold and for which loading orders have been issued six months ago or earlier. This involves about 40 million bushels of wheat. Failure to comply will make the elevators ineligible for additional storage earnings

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12-1 qts.
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GREAT NEW BREAKTHROUGH IN RAT AND MOUSE CONTROL
RAT POISON

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½ case 12 lbs. $14.50	$11.50
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10 bags	$11.50
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Rohrer's Top Tobacco Show

(Continued From Page 1)

Roy Rohrer won three class victories, including the grand champion wrapper and filler tobacco. In the three classes he didn't take top prize he took second places.

The lone grand championship Roy didn't take was in the binder class. His nephew, Eugene Rohrer, won that ribbon. Eugene took that grand champion ribbon with the first place long binder entry. Witmer J. Rohrer, Roy's brother and Eugene's father, took first in the short binder category.

Roy was competing in his 37th county tobacco show.

His carefully selected hands of tobacco won him the long wrappers class, long filler and short filler.

The only non-Rohrer who won an event was John H. Hershey, Lititz RD2. Hershey showed the top short wrapper tobacco class winner.

In the FFA competion which preceded the adult judging, 17-year-old Raymond Dohner, son of Mr. and Mrs. Victor Dohner, took the grand champion ribbon with his wrapper tobacco.

The FFA event was also kept in the family as Raymond's 15-year-old brother, Marlin, had the second place wrapper.

Roger Frey, Conestoga RD2, had the champion hand of filler tobacco which gave the Penn Manor FFA Chapter seven placings out of the top five places in the two classes.

The Dohner brothers took the only ribbons for Elizabethtown High School's FFA Chapter.

In the corn contest, Kerry Boyd, son of Elmer Boyd, Ephrata RD1, had the winning entry. He was also the top corn exhibitor in last week's 4-H corn competition.

John Yocum, superintendent of the Southeast Pennsylvania Field Research Laboratory at Landisville judged the corn entries while L. C. Whitmer, American Cigar Co., and A. Kenneth Mann Jr., A. K. Mann Tobacco Co., judged the tobacco contest.

Winners by class in the open and FFA competition were:

Open Show

LONG WRAPPER— Roy M. Rohrer, Strasburg RD1, grand-champion; Eugene M. Rohrer, Strasburg RD1, second; Michael E. Rohrer, Strasburg RD1, third; Craig A. Frey, Conestoga RD2, fourth; Raymond Brubaker, 206 Rohrerstown Road, fifth.

SHORT WRAPPER — John H. Hershey, Lititz RD2, first; Roy M. Rohrer, second; J. Martin Hershey, 2425 Fruitville Pike, third; Martin Hostetter, Manheim RD1, fourth; Charles Hummer, Manheim RD1, fifth.

LONG FILLER — Roy M. Rohrer, grand champion; Eugene M. Rohrer, second; Paul D. Kreider, Ronks RD1, third; Ray Brubaker, fourth; Witmer J. Rohrer, fifth.

SHORT FILLER — Roy M. Rohrer, first; J. Martin Hershey, second; Elmer Boyd, Ephrata RD1, third; Charles Hummer, fourth; Raymond Brubaker, fifth.

LONG BINDER — Eugene Rohrer, grand champion; Roy Rohrer, second; Witmer J. Rohrer, third; Michael E. Rohrer, fourth; Raymond Brubaker, fifth.

SHORT BINDER — Witmer J. Rohrer, first; Roy M. Rohrer, second; Eugene M. Rohrer, third; Charles Hummer, fourth; J. Edwin Rohrer, Paradise RD1, fifth.

FFA SHOW

WRAPPER — Ray Dohner, Elizabethtown RD1, grand champion; Marlin Dohner, Elizabethtown RD1, second; Jim Risser, Lancaster RD2, third; Bob Burkholder, Washington Boro, fourth; Robert Buckwalter, Columbia RD2, fifth.

FILLER — Roger Frey, Conestoga RD2, first; Jim Risser, second; Randy Clark, Quarryville, third; Robert Burkholder, fourth; Richard Burkholder, fifth.

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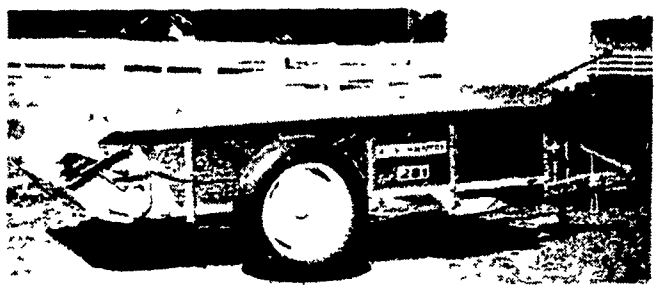
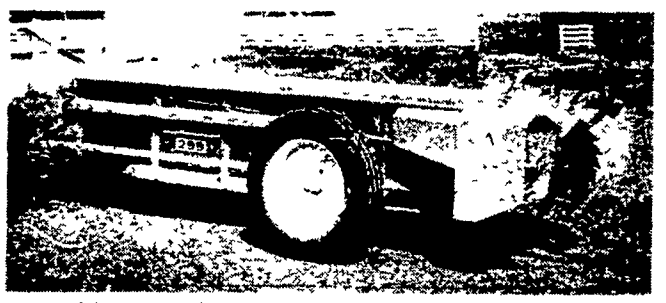


281 spreader with optional pan attachment



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Agriculture's 'New Image' Increases Vo-Ag Interest

Vocational agriculture is undergoing an upsurge of new interest among high school students across the nation, according to Dr. David R. McClay, head of the Department of Agricultural Education at The Pennsylvania State University. He says a new image of agriculture is developing as young people see agriculture as many fields of work in addition to farming.

As vocational programs expand to meet the demands for agricultural training, more teachers are needed, Dr. McClay points out. The situation in Pennsylvania is typical. With opportunities expanding, this year's class of agricultural education candidates includes both men and women.

The job picture looks excellent for these teacher candidates, he reports. While their peers in other subject areas look forward to stiff competition for a handful of teaching openings, agricultural teachers are in prime demand. Other states are writing McClay for news of available agricultural teachers. But it looks like Pennsylvania will have none to spare in the foreseeable future.

There are now 327 Agricultural teachers in 212 Pennsylvania high schools and area vocational-technical schools, according to Dr. McClay. What's more, a number of schools plan to expand or add new programs next year.

What's the reason for this sudden boom in agricultural education? High school vocational agriculture programs used to come under the old Smith-Hughes Act. By definition they were pretty limited in curriculum. In fact, they excluded non-farm agriculture.

This restricted view tended to be shared by vocational counselors, educators and the public in general. As a result, the entire area of agricultural education was in danger of being phased out of the public schools for lack of interest

Then in 1963 Congress passed a new vocational education act which changed all this -- making it possible for students at the high school level to enroll in any field, knowledge or skill that was useful to agriculture. This meant greater flexibility in curriculum and opened the field to many students who otherwise would have overlooked a career in agriculture.

At about the same time, vocational agricultural programs in the high schools got a shot in the arm from what McClay calls "the new image of agriculture." "Agriculture is not just farming anymore in the eye of the public," he explains.

Instead, there's a growing recognition that the field includes not only farming but the whole range of agribusiness -- the processing and marketing of food and of agricultural products, a growing industry in ornamental horticulture, forestry, agricultural mechanics, the handling of laboratory animals for all kinds of research, and a multitude of other job areas that call for the special knowledge and skills that can be acquired through the study of agriculture.

Meat Import Quota Suspension Continued

Secretary of Agriculture Earl L. Butz announced recently that meat import quotas, which the President suspended during the last half of 1972 and for all of 1973, will continue to be suspended for 1974. This applies to fresh, frozen and chilled beef, veal, mutton and goat meat subject to the 1964 Meat Import Law.

These meats will be able to move freely into the United States without restrictions except for meeting the usual inspection and health standards and tariff regulations.

Butz stated that this suspension of quotas is expected to continue through 1974. However, as required by law, the Secretary will review the situation every three months. Should marketing conditions change substantially, the suspension of quotas will be reconsidered.

The Secretary said that red meat production in the U. S declined in 1972 and 1973 at a time of vigorous growth in employment and income. This led to higher consumer meat prices. The President suspended meat quotas in June 1972 to moderate inflationary pressures.

Cattlemen have responded to the higher price levels of the last two years by increasing their breeding herds. Thus, there are more cattle to come to market in the months and years ahead. Consumer beef prices have stablized since the end of summer, and farm beef prices have dropped sharply from summer levels. However, supplies of beef are expected to be tight through the winter, with larger supplies expected later in 1974.

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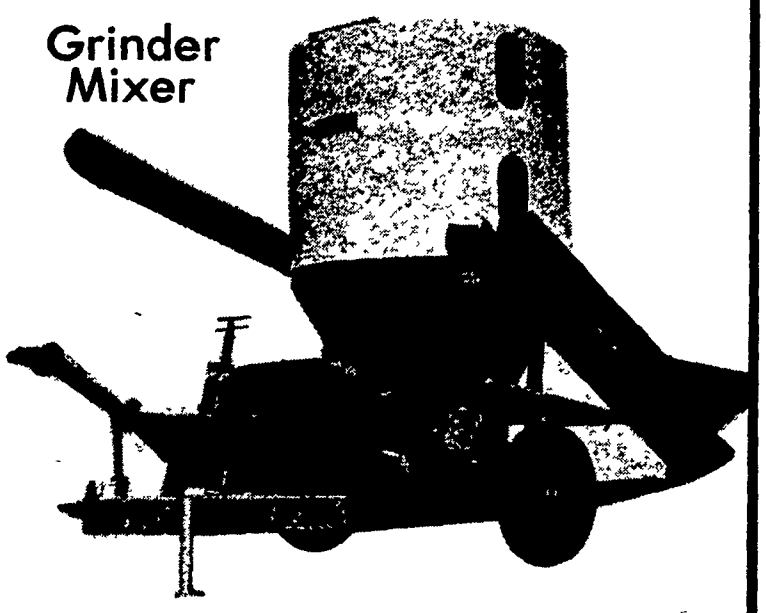

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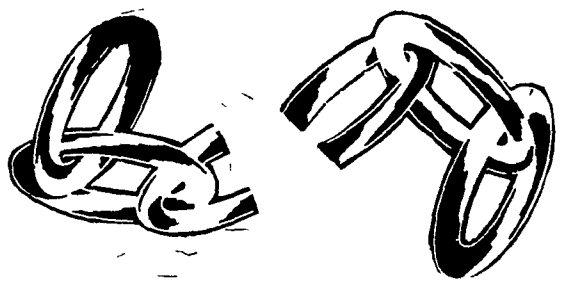

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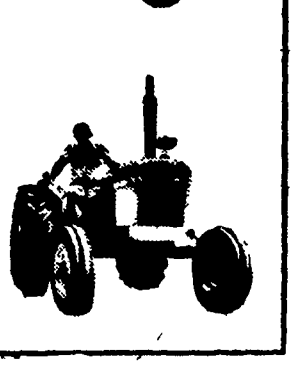

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Methane Generator To Be On View At Farm Show

As the 58th annual Pennsylvania Farm Show gets underway, a novel "energy" exhibit will be shown to this year's visitors.

It is a methane gas generator, otherwise known as "cow power," and can be seen in the Farm Show cattle barn near the entrance to the cattle superintendent's office.

This generator, or digestor, produces methane gas from the interaction of anaerobic bacteria and manure. It is being shown by courtesy of Donald A. Harter, Area Resource Development Agent of the Cooperative Extension Service, and Lebanon County Agent Glenn E. Miller and Assistant County Agent Newton J. Bair, who developed the digestor.

With the current energy crisis, farmers are facing a combination of shortages and high prices for fossil fuels. Deriving energy from animal wastes has been considered by many U. S. researchers to be too expensive for practical use. However, skyrocketing fossil fuel costs may now usher in the era of manure power.

In a comprehensive article written for the Pennsylvania Township News. Don Harte explains that methane, like natural gas, can be used directly to fuel cookstoves, water heaters, refrigerators and gas lights. It can run a gas engine and generate electricity and it can also be compressed and carried in tanks to power tractors.

The potential power from animal wastes is enormous. Putting these wastes to work can provide us with the dual benefit of an energy source and a disposal system for pollutants, Harter says. Research has shown that the residue after gas production has the same nitrogen content as the raw waste. It does not lose any of its fertilizing value for crops.

Harter writes that animal wastes total nearly two billion tons annually. In Pennsylvania, 700,000 milk cows alone produce an estimated 1.75 million tons of dry organic wastes yearly. The organic waste from 100,000 cattle has the potential of supplying the natural gas needs of 30,000 people at present rates of use.

America has been slow in researching the conversion of manure to methane gas, perhaps because of our great abundance of fossil fuels. Now those days are over as we wait in line for gasoline that will shoot above 50 cents a gallon in the next few weeks.

Harter tells us that producing methane from sewage sludge and animal waste has been a common practice in Europe since 1930. The most successful research has been carried out at the Gobar Research Station in Ajitmal, India. Today in India there are more than 2,500 methane gas generators, mostly in rural villages and on farms.

According to Harter, a Gobar designed manure digestor is currently being used on a dairy farm in Benson, Vermont. It can digest 200 pounds of manure daily, the quantity produced by about seven cows. The holding vessel is an old boiler which has a daily gas producing capacity of 280 cubic feet. About 250 cubic feet of methane gas is equivalent to one gallon of gasoline.

Changes Asked For Livestock Weighing Rules

The U. S. Department of Agriculture (USDA), in material published in the December 27 Federal Register, proposed changes in the regulation relating to weighing of livestock under the Packers and Stockyards Act.

The purpose is to clarify and update the regulation to fit present-day livestock marketing conditions.

The proposal eliminates reference to scale tickets for live poultry as this is now covered in another section of the regulations.

Also eliminated is the reference to National Bureau of Standards specifications for scale tickets and reference to type-registering weighbeams since the regulations now require stamped or printed weights.

Language is being added to exempt markets which use automatic weighing and recording equipment from issuing scale tickets when the weight value is recorded directly on the account of sale or other basic record provided to the seller or consignor.

Requirements for correction tickets or slips would be deleted as this appears to be an unnecessary requirement on the industry.

Persons wishing to submit written data, views, or statements in connection with the proposal should file these in duplicate with the Hearing Clerk, USDA, Washington, D. C. 20250, by Jan. 26, 1974.

The record in this matter is open to the public. Copies of the proposal may be obtained from the Information Officer, Packers and Stockyards Administration, USDA, Washington, D. C. 20250.

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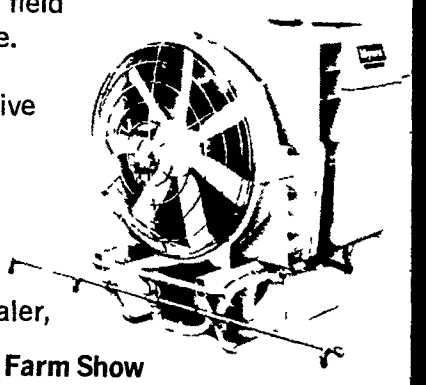

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State and U.S. Department of Agriculture (USDA) veterinary officials concerned with hog cholera eradication recently came up with an estimate nearly that large.

No, it wasn't the price paid for two grand champion purebred boars. Rather, it was the approximate cost to the American swine industry for the marketing of two scrub hogs that initially sold for 50 cents each, according to Dr. Francis J. Mulhern, Administrator of USDA's Animal and Plant Health Inspection Service (APHIS). Dr. Mulhern a veterinarian, also serves as Chairman of the Secretary of Agriculture's advisory committee on hog cholera eradication.

Barring unforeseen developments, 49 states will be classified as "hog cholera free" by mid-January 1974. But the hog cholera advisory committee -- comprised of 12 business and professional people with excellent knowledge of swine health -- recently issued a warning about "culls" or "junk hogs".

According to Dr. Howard W. Dunne from Pennsylvania State University, a member of the advisory committee, the marketing of culls has recently become financially rewarding to some hog traders and dealers. Other than scrubby appearance, these hogs may show no telltale signs of infection. Yet, they can be disease carriers, capable of silently spreading infection.

The risk of culls spreading hog cholera is not as great if they go direct to slaughter without coming in contact with other swine destined for sale as feeder and breeder animals. Rather, the invitation for trouble comes when cull hogs are diverted from slaughtering plants to farms or feedlots, Dr. Dunne notes. Swine herds at these locations are highly susceptible to hog cholera.

The two 50-cent hogs in question were diverted from a slaughter -- for a little extra fattening -- in the fall of 1972. They wound up costing state and federal governments over $100,000 in indemnity payments alone, to compensate producers for swine herds that had to be destroyed because of hog cholera.

"Ultimately, the cost was more like $1 million", said Dr. Mulhern, "if all losses to the swine industry -- direct and indirect -- are counted. For instance, feeder pig producers in the Southeast find their main buyer markets in corn-producing states of the Midwest. In 1972, hog cholera quarantines in the Southeast and Midwest curbed this normally huge market flow for weeks, while emergency eradication measures were in effect.

"Merely passing more state or federal marketing regulations won't solve the problems", Dr. Mulhern warns. "It's going to take a change of attitude by many in the swine industry. Instead of viewing culls as the potential source of a few more pennies of profit with a little extra fat on their bones, we've got to treat them for what they really are . . . potential disease factories . . . and get rid of them accordingly.

"In other words, we need concerted pressure from every segment of the swine industry to stop the diversion of cull pigs from market for a few added weeks of feed. Enough pressure must be brought to bear upon the few who engage in this practice to make sure that all culls go direct to slaughter . . . and nowhere else!"

Dr. Dunne and other advisory committee members agree on the need to apply this pressure, indicating the industry as a whole will pay if we don't. For the average hogman who personally strives to maintain a healthy herd, that cost can be extremely high if hog cholera strikes across the neighbor's fence.

Speaking for the advisory committee, Dr. Mulhern said, "let's begin to finish the hog cholera eradication job NOW . . once and for all!"

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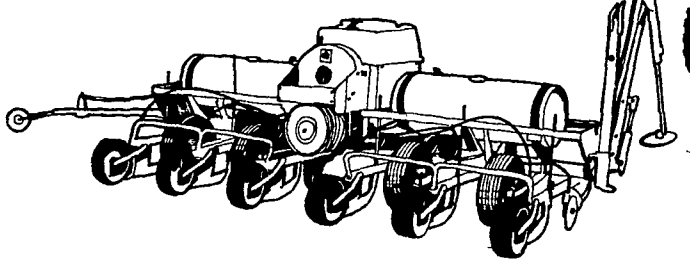

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Keystone Expo

(Continued From Page 1)

by the formation of the Keystone Exposition Center Committee, with Reber as chairman.

To find out more about the proposed Keystone Expo, Lancaster Farming talked to Dr. Reber this week together with Secretary of Agriculture James McHale in McHale's Harrisburg office.

"We have seen a tremendous amount of support - bipartisan support - for the Keystone Exposition Center," Reber said. "We have the backing of just about every farm organization in the state. There's a bill now in a Senate committee, Senate Bill 1379, which would provide $150 million for the construction of a new facility. If that bill gets out of committee before March 1, and if it is passed by both houses of the General Assembly, it will be pledge of whole-hearted support from Governor Milton Shapp, and signed by the Governor. He has said he would sign it. If all those things happen, we could have at least part of the Keystone Expo open for the 1976 Farm Show."

Both Reber and McHale were quick to point out that the proposed center would be used throughout the year, not just during Farm Show week. Even now, the present facility sees service all year long, with rents being collected for everything from rock concerts to mobile home shows to livestock events.

"We had 113 events last year," McHale said, "but we're losing a lot of national and international shows to other places like Louisville, Kentucky, where they've got much better facilities for handling really big events." Besides, the Farm Show Building is very difficult to reach. And there isn't enough parking space."

A number of sites more convenient to good roads would be considered for the exposition center. One site that would not be considered is the present one. Studies have shown that renovation of the old buildings would simply not be economical. Tearing the old complex down and starting over might make sense economically, but the site would still be plagued by periodic floods and horrendous traffic problems during Farm Showweek. Living traffic nightmares include the tale of one man who last year took five hours to get from downtown Harrisburg to the Farm Show parking lot.

The Keystone Expo would have just about twice as much physical plant as the present complex. A main arena would have 15,000 seats, compared with the present 7500. A small arena would seat 3500 compared with the present 1500, and there would be 555,000 square feet of exhibition area, compared with the present 333,000. Parking would also be expanded considerably. The new facility would be equipped to handle peak loads of 200,000 people, with an average of 150,000, it would have space for 300 trucks, 500 buses and 35,000 automobiles a day.

"Let's remember, though, that we're not proposing a Farm Show Building," Reber noted. "This is an exposition center, and it is to be used for the benefit of all Pennsylvanians, not just farmers."

Reber said the Pennsylvania Interscholastic Athletic Association and the state Chamber of Commerce had already expressed interest in the center. Most of the events now staged in the old facility would no doubt use a more modern one He said the committee has even discussed the possibility of including a center for the performing arts among the expo's facilities.

Could a Keystone Exposition Center be self-supporting? "I think of the center as a $150 million investment," Reber said. "It could collect more rents than the state is now getting, and it could certainly generate more business and more tax revenues than the present faciltiy. Last year in the Farm Show Building we had one horse auction where the sales topped $4 million. The state collected six percent sales tax from that $4 million. We could use more events like that, and I think the Keystone Expo would be a way to get them."

Increased business for nearby hotels, restaurants and service firms were other pluses, Reber and McHale felt, for a new facility.

How do you justify to the non-farming public a $150 million expenditure for a facility to replace a worn out Farm Show Building? Why not just forget about the Farm Show? "First of all," Reber said, "the Keystone Exposition Center would not be just for an annual Farm Show. Secondly, agriculture is important, vitally important, to the people of the Northeast.

"If a Keystone Expo can help the people of Pennsylvania and the rest of the Northeast learn more about farming, and the fact that farmers are creating renewable food and fiber resources, then I think it would more than pay for itself."

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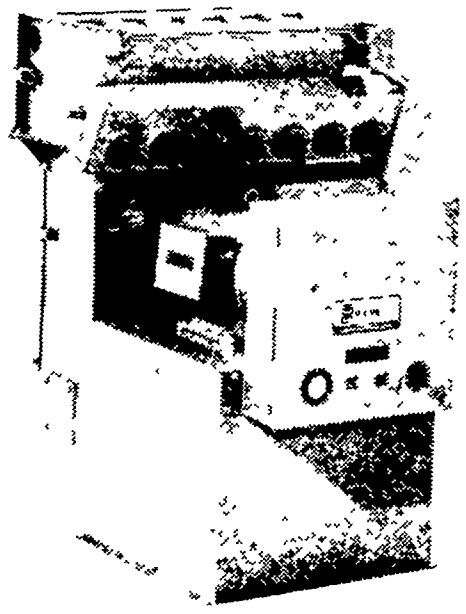

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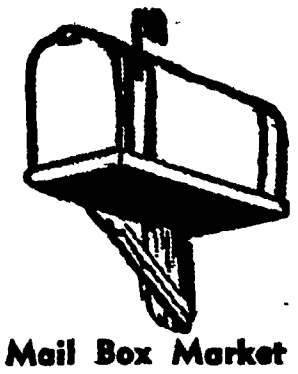

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Found - 1 leather mitten glove East Gordonville Road. John B. Stoltzfus RD1, Box 112, Ronks, Pa. 17572

For Sale - German Shepherd pup and mixed chihuahua pups, 6 wks. old. John S. Fisher, Quarry Road, Paradise RD1, Pa. so. of Rapps Exxon Gas Station

For Sale - 1953 Chevy 2 door coupe dark green, body in real good condition, good rubber, engine needs work $200 or best offer. Call 653-4769 after 6 p.m.

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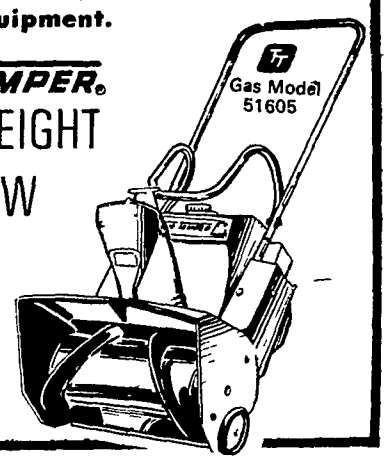

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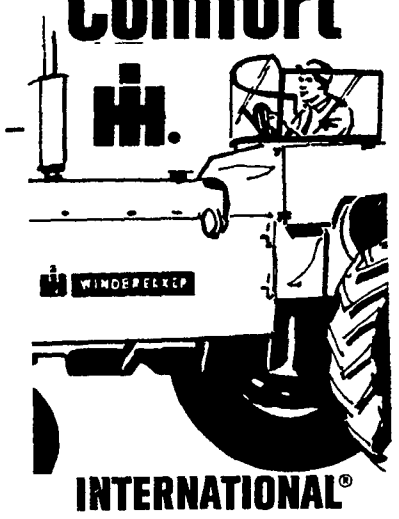

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Three barrels of apples and potatoes were stored for winter in the cellar — plus a barrel of sauerkraut.

Our unpainted chairs and kitchen table were scrubbed with hot soap suds each Saturday before the floor got the same treatment.

Papa, as we called him, played his violin after supper while we danced around and mother sang.

My doll was stuffed with excelsior — the hands, feet, head and shoulders were of china, with painted features and hair.

A kerosene lamp hung high on the kitchen wall, inside a wrought iron container. A tin plate behind the lamp served to focus the light on the stove, while cooking, on the table while eating — or it could be swiveled around to light the pantry.

(Send contributions to this column to The Old Timer, Box 639, Frankfort, Ky. 40601.)

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WED. JAN. 9 - 11 a.m.
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Selling 100 Female Lots and 15 Bulls. 35 daughters of Colossal incl. Natl. Western Reserve Calf Champion with show heifer calf at side by Trailblazer; top group of Colossal daughters, all bred. Bulls incl. top 2-yr.-old from Kilmaurs herd along with his Dam (safe in calf to Colossal; top show yearling son of Ranger with his dam; others are all breeding age sons or grandsons of Colossal.

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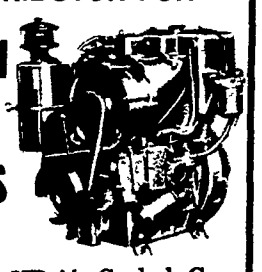

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COMBINES - John Deere 6600 diesel with cab, air, grain and 6 row 30" head, John Deere 6600 diesel with cab, grain and 4-row head, 95 diesel, 45, 40 square back. International 915 diesel fully equipped, 503 with cab and 4-row head $3,900.00, 503 with 4 row head $2,900.00, 203, Massey Ferguson 510 diesel with cab and Quick Tach head, 510 diesel with cab and 4-row corn head, 300, 35. New Idea Uni system with combine, New Idea 702 Uni with 2-row Harvester. Minneapolis Moline Uni tractor with power steering and 2 row sheller $1,200.00. Gleaner CII, C with cab and 4-row head $2,900.00, AII, E.
CORN HEADS - John Deere 643, 444, 435, 334, 234, 205. Massey Ferguson 43, 422, 421, 222, 22. Gleaner C630, F335, 330. New Idea 4-row 40" like new.
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PLOWS - International 6 x 16 automatic reset, 5 x 16 trips. Oliver (new) 4 x 16 resets, used 7X, 6X, 5X, 4X semi plows.
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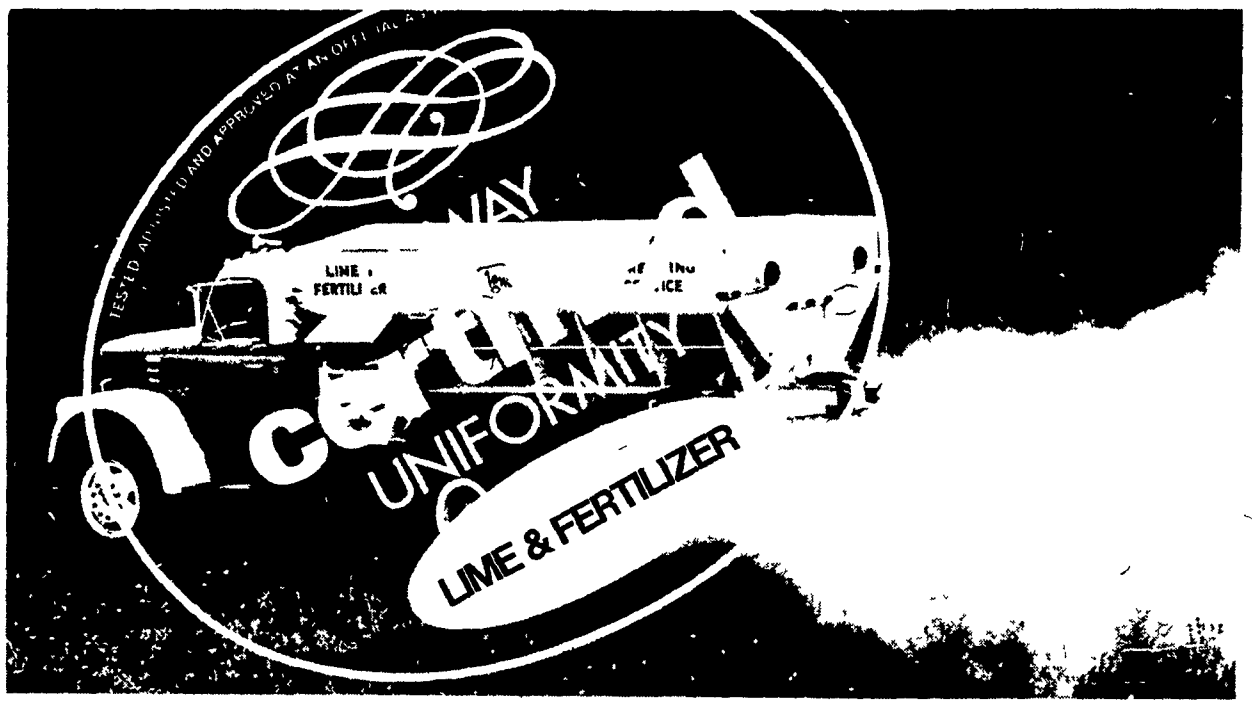

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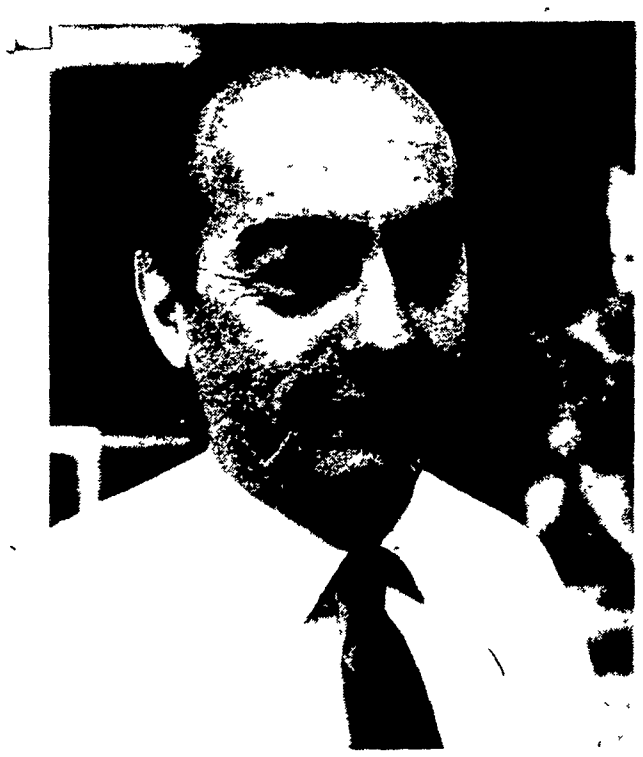
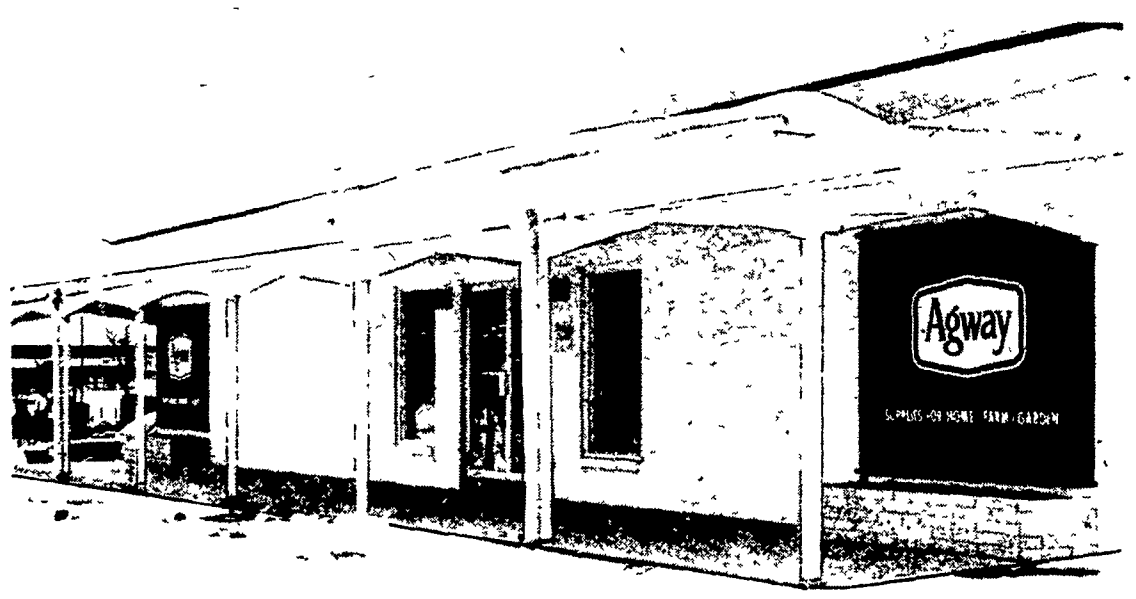


REUBEN B. HESS
Store Manager



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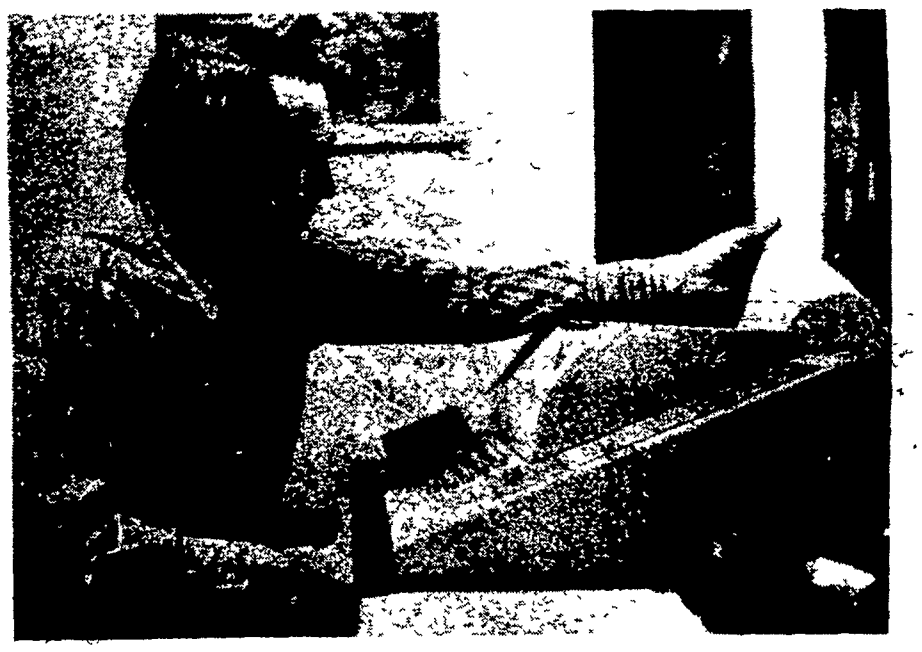

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Keystone Farmer Degrees Awarded to Area FFA Members

Numerous area FFA members will receive the Keystone Farmer degree, to be awarded them during ceremonies at the FFA mid-winter Convention at the Forum Building, Harrisburg on Wednesday, Jan. 9. The Convention is held annually in conjunction with the Pennsylvania State Farm Show.

The Keystone Farmer degree is received by only one farm boy or girl in 50. According to FFA rules, not more than two percent of State membership can receive the honor.

This degree is given for outstanding achievement in agriculture and rural life. To be eligible, the FFA member must have satisfactorily completed at least two years of instruction in vocational agriculture, demonstrated marked leadership, earned and invested at least $500 productively, and attained satisfactory achievement in improving the farm's efficiency or comfort.

FFA members who will receive the Keystone Farmer degree on Wednesday are:

Ken Mull
Grassland Chapter

Ken Mull is the son of Mr. and Mrs. Kenneth A. Mull, Narvon RD1. Presently serving as treasurer of the Grassland FFA Chapter, Ken previously served as 2nd reporter.

Ken has received the Greenhand degree; Chapter Farmer degree and Red Rose degree. He has served as chairman of several committees. Ken has been a participant in many county and area contests.

Ken is presently employed at New Holland Supply. Ken and his father have a swine breeding and fatting operation. He is an active member of the Churchtown Mennonite Church Youth Group.

Ray Martin
Grassland Chapter

Ray Martin, 17, is the son of Mr. and Mrs. Eli W. Martin, New Holland RD1.

Ray is presently serving as County vice-president and Grassland Chapter president. He has also held the office as sentinel. Along with serving as chairman of several committees, he has served as a delegate to the state and national FFA conventions.

Ray won a gold medal in the state public speaking contest and was president of the county winning PP team. He has received the Greenhand, and the Lancaster County Star Farmer. As projects, Ray is in partnership with his father in a dairy herd and he also raises some field crops.

He is a member of the Groffdale Mennonite Church and is an active member of its Youth Group. Ray belongs to the Ayrshire Jr. Breeders Club and was also a National Jr. Honor Society Member.

Dennis Nolt, 17, is the son of Mr. and Mrs. Henry M. Nolt, of New Holland RD1.

Dennis's FFA activities include the following: swine and beef fattening projects, raising sheep and a dairy heifer, work experience, medal winner at Penn State in land judging, attended National FFA Convention in Kansas City, won County Calf, received Red Rose Degree, participant in Milk Products contest, ribbon winner with a dairy heifer, steer, corn, and wheat; and a member of various other committees.

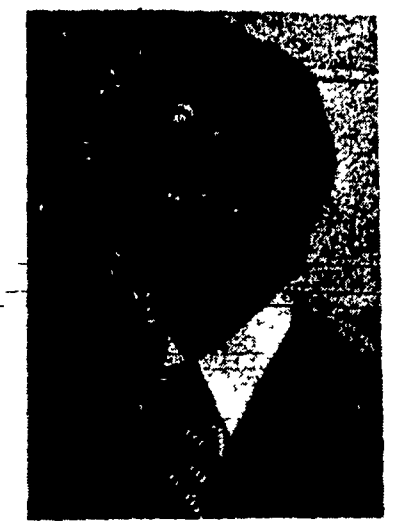
Dennis Nolt
Grassland Chapter

He attends Pequea Mennonite Church and presently works at New Holland Supply Company. In the future he plans to continue work in agribusiness.

Ken Groff
Grassland Chapter

Ken Groff is the son of Mr. and Mrs. John R. Groff, 37 Quarry Road, Leola. Ken has been the Chaplain of the Grassland FFA chapter for the last two years

Some of his activities in FFA were dairy judging at Penn State, Dairy Products Judging contest and land judging in 9th grade. His farming projects were: Laying hens, veal calves, show steers and dairy cows. He works at New Holland Supply Company part time. Ken was the past president of the New Holland 4-H Beef Club. He is a member of the Carpenters Mennonite Church.



Charles Neff
Pequea Valley Chapter

Charles Neff, son of Mr. and Mrs. Roy C. Neff of RD1, Paradise. The Neffs' farm 98 acres of their own and rent an additional 20 to support their 80 head of dairy cattle. Charlies' FFA projects include raising and showing Registered Holstein feeding 138 finishing hogs, veal calves, and renting 10 acres for corn, on top of all that he also as a Cooperative Work Experience

(Continued On Page 32)

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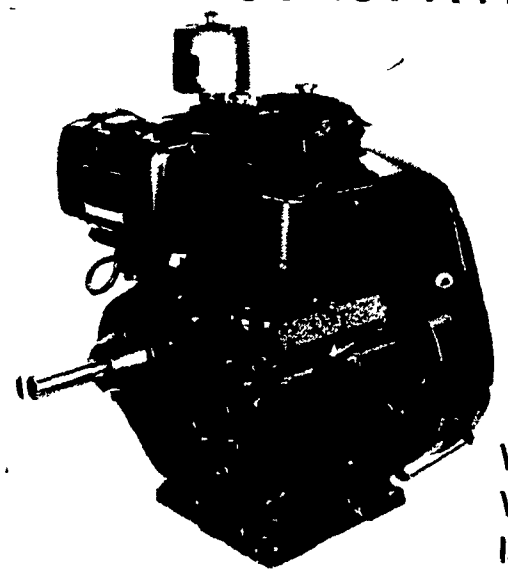

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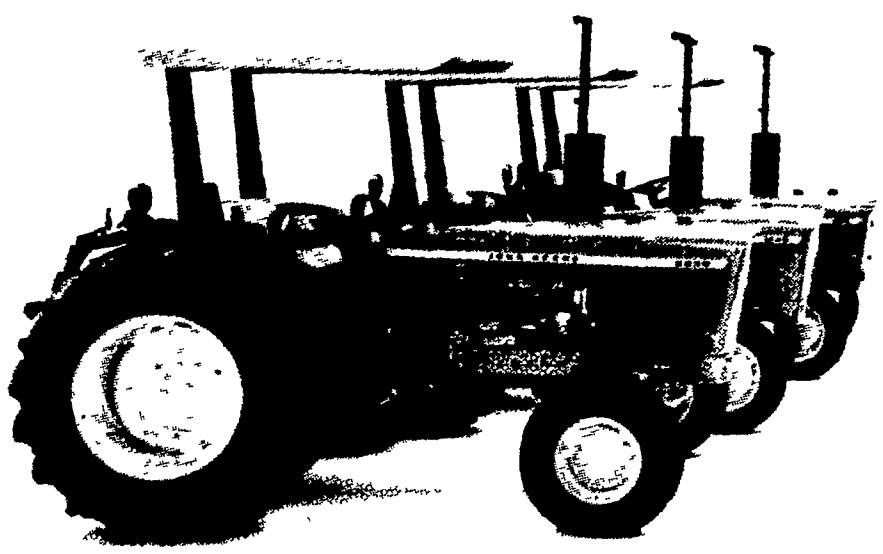
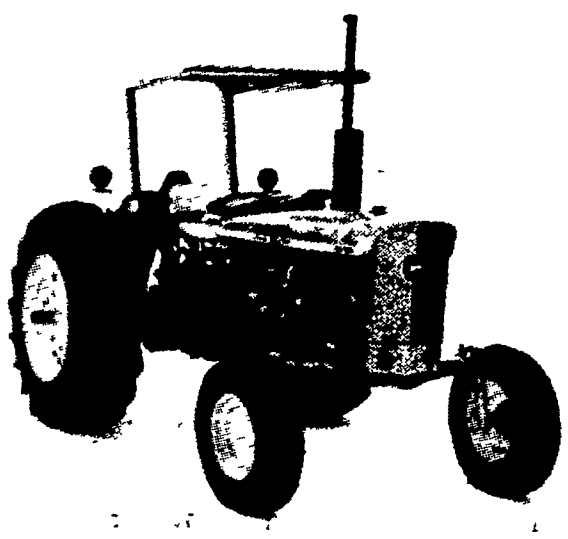
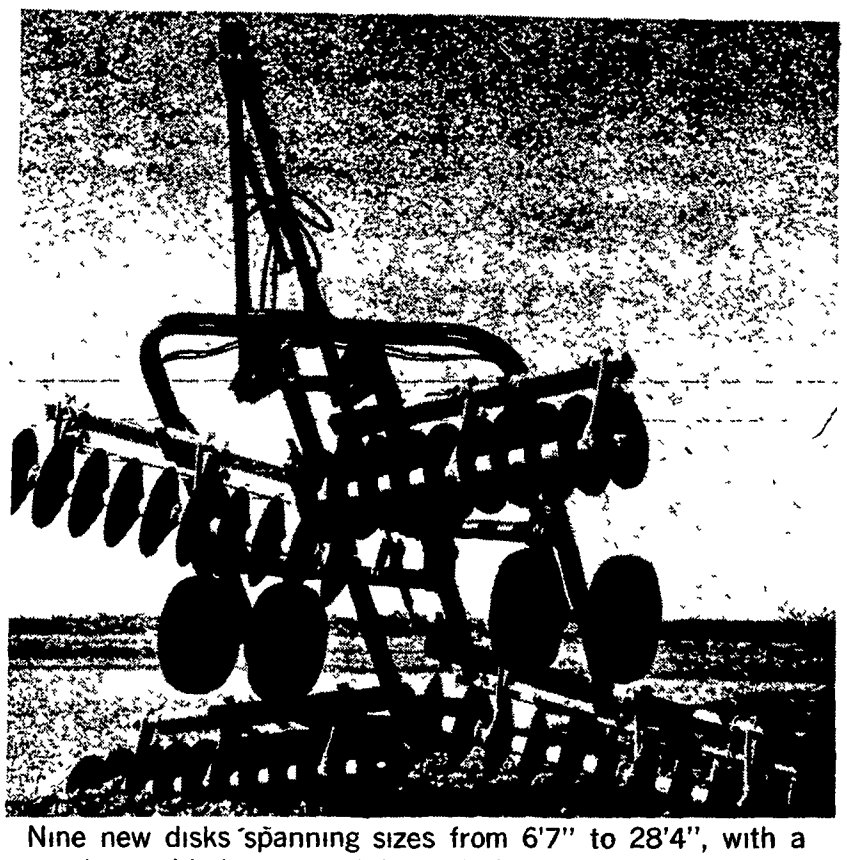
Be sure to see this outstanding line of new John Deere Utility Tractors; they'll be on display at the John Deere exhibit.





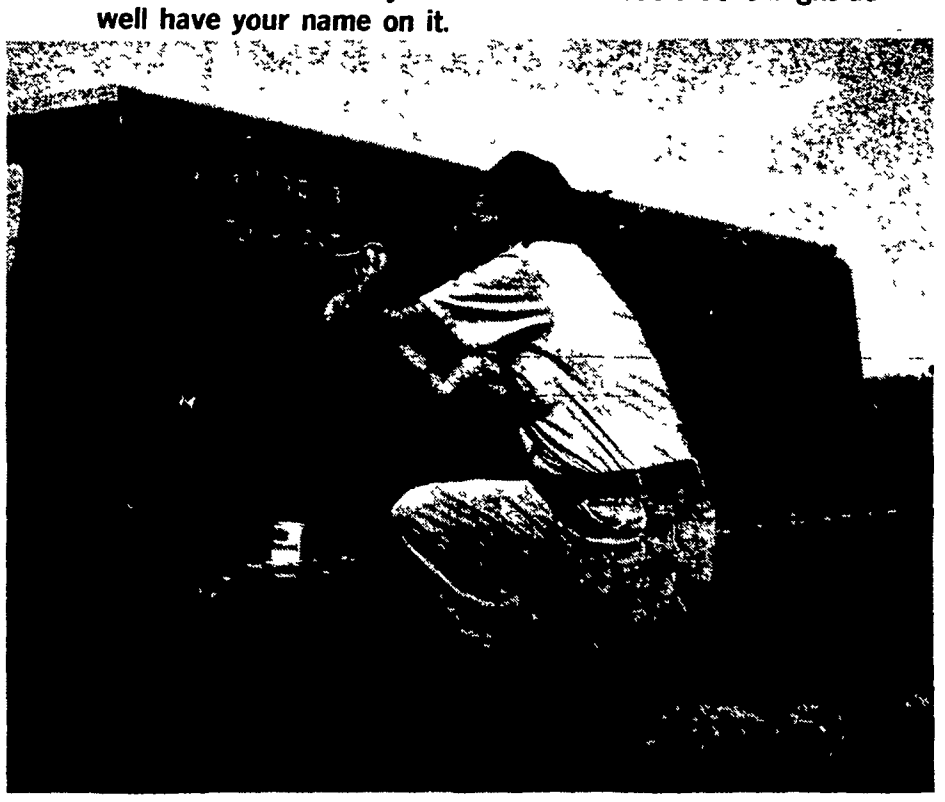
TAKE A LOOK AT THE FIRST NEW-LOOK IN BASIC DISK DESIGN SINCE DISKS WERE INVENTED.



Nine new disks spanning sizes from 6'7" to 28'4", with a weight-per-blade range of 40 to 212 pounds.

NEW 8000 SERIES END-WHEEL DRILLS

Order one so close to your individual needs that it might as well have your name on it.



That's the idea behind the new 8000 Series End-Wheel Drills. And to be sure you can find what you're looking for, we're offering 83 different drills in the 8000 Series. That's 83 different machines; we're not counting attachments.

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SEE THE JOHN DEERE DISPLAY AT THE FARM SHOW

Keystone Farmer Degrees

(Continued From Page 30)

program with J. Arthur Rohrer and Sons, Paradise. Charlie received the Star Chapter farmer award as a sophomore and last year received the Red Rose Degree. He has served his local Chapter as both vice-president and treasurer, and is actively involved in the Youth Organization of the Paradise Mennonite Church.

Larry Ressler
Grassland Chapter

Larry Ressler, age 17, is the son of Mr. & Mrs. Harold L. Ressler, of East Earl RD1. His farming program consisted of beef fattening, swine fattening, and veal calves. He is employed by J. B. Zimmerman & Sons Hardware of Blue Ball.

His FFA activities consist of public speaking and Parlimentary Procedure. He was vice-president of the Parlimentary Procedure team which placed second in the area contest. Recently he had the honor of placing third in a regional SCS public speaking contest. Larry served as student advisor and sentinal to the Grassland FFA Chapter.

He is a member of the Martindale Mennonite Congregation where he is an active member of the youth group. He also assumes the position of a bass guitarist for a local gospel group known as The Zimmermans.

Clair Hostetter
Penn Manor Chapter

Clair Hostetter is the son of Mr. and Mrs. Harold Hostetter, Columbia RD2.

Clair is a senior at Penn Manor High School and a member of the Manor FFA. He served as chapter president and his other activities included: Judging at local fairs, County Leadership Conference, FFA week at PSU, the National FFA Convention in Kansas City.

In addition to the Keystone degree, Clair also received the Chapter Star Greenhand and Star Red Rose degree.

He also has quite an extensive Work Experience Program started and plans to continue working in agriculture after graduation.

Wayne Martin
Grassland Chapter

Wayne Martin, 17, is the son of Mr. and Mrs. Wayne G. Martin, Box 83 Goodville. He is presently serving as vice-president of the Grassland FFA Chapter and previously served as secretary. Wayne has served as SCS Student Director and chairman of the Banquet Program Committee, and the Derry Area Tour Committee. He also served on the summer sports committee, the Banquet Committee, and the Float Committee.

On the State level Wayne won the Ag Mechanics Contest and received a silver medal in the National Ag Mechanics Contest. In county contests he was secretary of the winning Parlimentary Procedure Team. Wayne also placed in the Public Speaking Contest and the County Quiz Contest.

Wayne received the chapter foundation award for Farm Mechanics. For projects he has had veal calves, guinea pigs, and steers.

A member of the National Honor Society at Garden Spot High School he is also on the Varsity Rifle Team and a member of the Senior Chorus. He is also active in church work where he is currently serving as chouister at the Churchtown Mennonite Church.

Roy Sauder
Manheim Central Chapter

Roy Sauder of the Manheim Central FFA Chapter has been selected to receive the Keystone FFA degree. He is the son of Mr. and Mrs. Roy E. Sauder of Mount Joy RD2, and is currently serving as president of the Manheim FFA chapter.

Roy's agriculture program consists of fattening Holstein bulls from his father's dairy herd. His farming operation also involves 25 hog fattening animals and a corn project. He participated in the Washington

(Continued On Page 33)

John Deere Snowmobile Special

"Nothing Runs Like A John Deere"

For 1974 there are more reasons than ever before why "Nothing runs like a Deere." Select from seven great new machines—292 to 440cc's. JDX Series feature the new John Deere weight-transfer slide-rail suspension system that provides better traction and faster acceleration. The 300, 400, 500, and 600 Snowmobiles feature the proven bogie-wheel suspension that smooths out rough, washboard trails. Stop in our store and we'll give you a lot more reasons why "Nothing runs like a Deere."

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Buy any John Deere Snowmobile now and get a lot of peak-season use.

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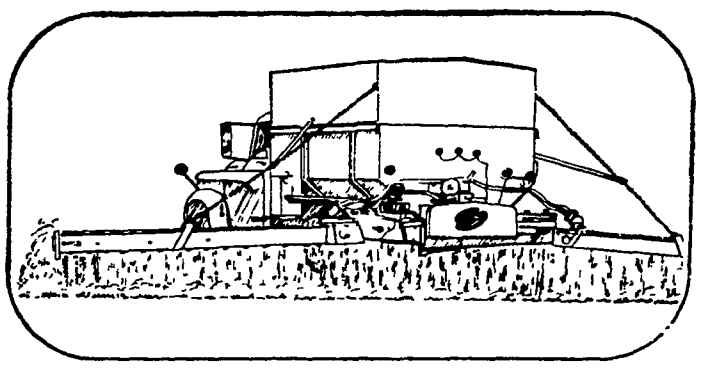
APPLY LIME ON FROZEN GROUND



Don't hesitate to apply lime, even if the ground is frozen. The freezing and thawing action of Winter helps disseminate the lime, assuring you a properly balanced soil, ready for Spring plowing. And remember, liming pays in extra bushels and tons of crops and forage.

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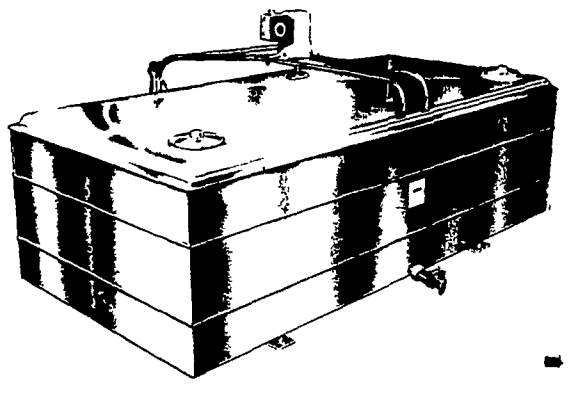

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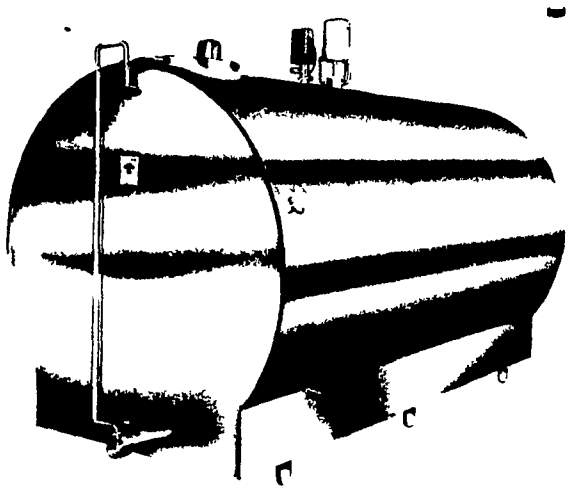

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Keystone Farmer Degrees

(Continued From Page 32)

National Leadership Conference for chapter presidents this past summer. He has received a silver medal in the county and state record book contest for his outstanding farm records.

In addition to his accomplishments in FFA, Roy also lettered in varsity football and softball. He plans to continue working on the home farm after graduation.

Don Miller, is the son of Mr. and Mrs. Glenn G. Miller of RD1, Gap, where his father is currently farming 117 acres. Don's projects include fattening beef, feeding 400 capons to dress weight, veal calves, 8 acres of corn and a recently begun bee enterprise. Having served his FFA Chapter as both assistant secretary and as the president as a junior, Don now finds time to act as student advisor. As a freshman he received the Star Greenhand Award and last year was named as a recipient of the Red Rose Degree. Don has also been on the Parliamentary Procedure Team and went to Penn State to judge Dairy at FFA Activities Week.

Thomas Stottlemyer, son of Mr. & Mrs. Robert Stottlemyer,

Don Miller
Pequea Valley Chapter

Thomas Stottlemyer
Solanco Chapter

Paradise RD1, is currently Parliamentarian of Solanco FFA.

Active in Boy Scout Troop number 89 and Explorer Post number 89, Tom's interests are in the field of engineering. Upon graduation in June, he plans to enter Penn State majoring in Agricultural Engineering.

Tom has served on various FFA committees and is presently serving as corresponding secretary to the Lancaster County Red Rose FFA His projects have included dairy, swine, and corn.

Randy Clark
Solanco Chapter

Randy Clark, son of Mr. & Mrs. Robert Clark, Quarryville RD1, is president of Solanco FFA. Clark is active in FFA activities, mainly dairy shows and judging. This past fall he was high individual in the National FFA Dairy Cattle Judging Contest held in Kansas City, and a member of the third place team in the nation.

He is a member of the National Honor Society, Mechanics Grove Church of the Brethren, high school soccer team and the Solanco Dairy Club.

Clark's projects include dairy cows, swine, corn, and tobacco. Upon graduation in June, he plans to continue farming with his dad.

Hobert McMillion, son of Mr. and Mrs. Herbert R. McMillion, Quarryville RD1, is serving as vice president of Solanco FFA. McMillion, a member of the class of 1974, is currently on a work experience program with a neighboring farmer.

He has been active in the local

Hobert McMillion
Solanco Chapter

FFA chapter serving on various committees, participating in sports, and attended FFA Activities Week last June judging Dairy Products.

Gary Akers
Solanco Chapter

Gary Akers, son of Mr. & Mrs. Curtis E. Akers, Quarryville

(Continued On Page 34)

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Feeders Say . . .
"The Most Economical Feeding Plan of All"

No trouble with scours or cattle going off feed. You'll be more than satisfied with our feeding program for you'll get healthy stock, quick gains at low cost. Remember, there's a FEED LOT PROVEN TANVILAC CULTURE PRODUCT FOR EVERY FARM-FEEDING PURPOSE.

USE ONLY ½ LB. SPECIAL TANVILAC PER HEAD PER DAY WITH GRAIN AND ROUGHAGE — GET BIGGER PROFITS

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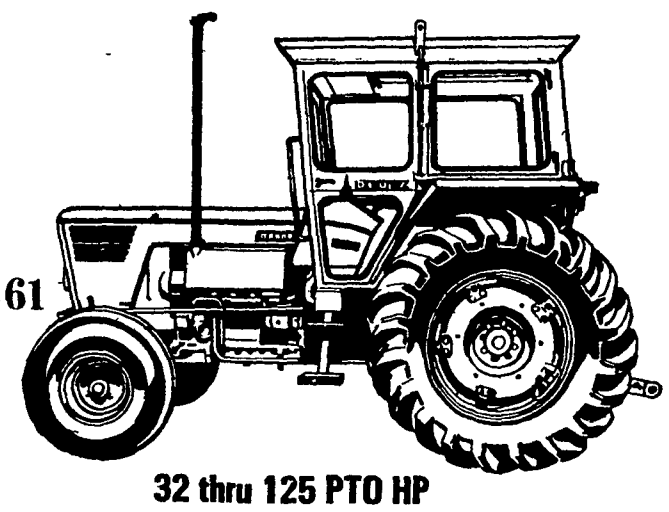

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The Strong Green Line of Deutz tractors is available in 32-38-55-65-85-105-125 HP sizes. Air-cooled Deutz diesel engines have proven to be far more flexible than other diesels and last twice as long besides. Their constant torque pulls you through more tough spots without shifting.

Features on the big tractors include: Power steering, Hyd. brakes, Ind. PTO, shiftable 540-1000 PTO, choice of remote hydraulics, excellent draft control system, 16-speed fully synchronized transmission and a clutch that won't kill the operator.

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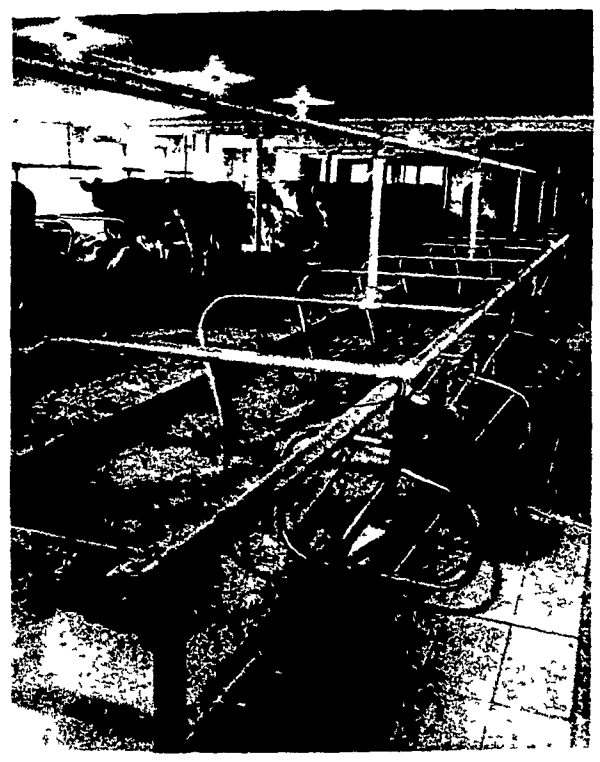

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Complete Sales & Service of
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YOURS FOR BETTER DAIRYING
John E. Kreider

Keystone Farmer Degrees

(Continued From Page 33)

RD1, is currently vice president of Solanco FFA, president of the Senior Class, past president of the Solanco Dairy Club, and a member of the National Honor Society and Varsity Club.

Akers interests are in dairy farming and he has participated in many dairy shows from the local to state level. He was a member of the first place dairy cattle judging team from Pennsylvania which placed third in national competition, winning him a gold medal.

His projects consists of registered Holstein dairy cattle and veal. He plans to stay active in farming following graduation.

Fred Lefever
Solanco Chapter

Fred Lefever, son of Mr. & Mrs. John M. Lefever Quarryville RD1, is serving as reporter of Solanco FFA. His main interests are in dairy farming and tobacco.

Lefever has been active in dairy shows and was named Reserve Grand Champion at last years County Corn & Tobacco Show. He has participated in dairy and land judging contests on both the local and state level.

Upon graduation, Fred plans to continue farming with his dad.

Robert Strauss
Cloister Chapter

Robert Strauss, son of Mr. & Mrs. Robert Strauss, RD1, Ephrata has served the Cloister FFA Chapter as chaplin and secretary. Bob attended the National FFA convention as a member of Pennsylvania's Milk Judging Team. He was the winner of the 1973 Jaycee steer award.

At the State FFA Convention last summer he earned a trip to the Atlantic Rural Exposition as a member of the state livestock judging team.

Bob has been a consistent winner with his lambs at local and state shows. He showed the champion pen of market lambs at the 1973 Ephrata Fair. His farming program includes market lambs, market hogs, steer, field corn and vegetable garden.

As a member of the Future Farmers of America, Kevin Martin was Parlimentarian in his sophmore year, vice president of the Oxford Chapter in his junior year, and is currently serving as student advisor. He has also been elected president of the Chester County Association.

Kevin has received awards as Star Greenhand in ninth grade, Dairy Proficiency in eleventh grade, and the school award for an underclassman with the highest scholastic achievement in a vocational field in eleventh grade.

Kevin Martin
Oxford Chapter

Among the contests which have given him opportunities to win these awards are Parlimentary Procedure in which he has participated for three years, the statewide FFA Dairy Judging at Penn State, and the All-American Dairy Judging Contest in Harrisburg.

Kevin has gained a great deal of practical knowledge, being a partner in the farming operation by agreement. He had done nearly every type of field work for five years on their 150 acres, has helped care for 95 Holsteins, and has done a great deal in several types of building construction on the farm.

He was also a member of 4-H for three years, showing dairy cattle and holding the office of treasurer for one year. He is also an active member in his church youth group. After graduation Kevin intends to continue farming in partnership with his father.

David E. Shuman, son of Rev. and Mrs. John A. Shuman, is presently vice president of the Little Dutchmen FFA chapter of Annville-Cleona High School. He also serves as president of the Lebanon County FFA chapter.

During his years in FFA, he was active on the Parliamentary Procedure team, served as treasurer and president, and

David E. Shuman
Little Dutchmen Chapter

attended the National FFA Leadership Training Conference held in Washington, D. C.

Included in his FFA projects are a three year supervised work experience program on a 90 acre truck farm owned by Harold R. Frey of Lebanon RD5. Along with the major crops of sweet corn, cabbage, cantaloupes and potatoes, the operation included a farm market, 4500 laying hens and 300 feeder pigs.

Dean Hoover
Little Dutchmen Chapter

Dean L. Hoover is the son of Mr. and Mrs. Abram N. Hoover,

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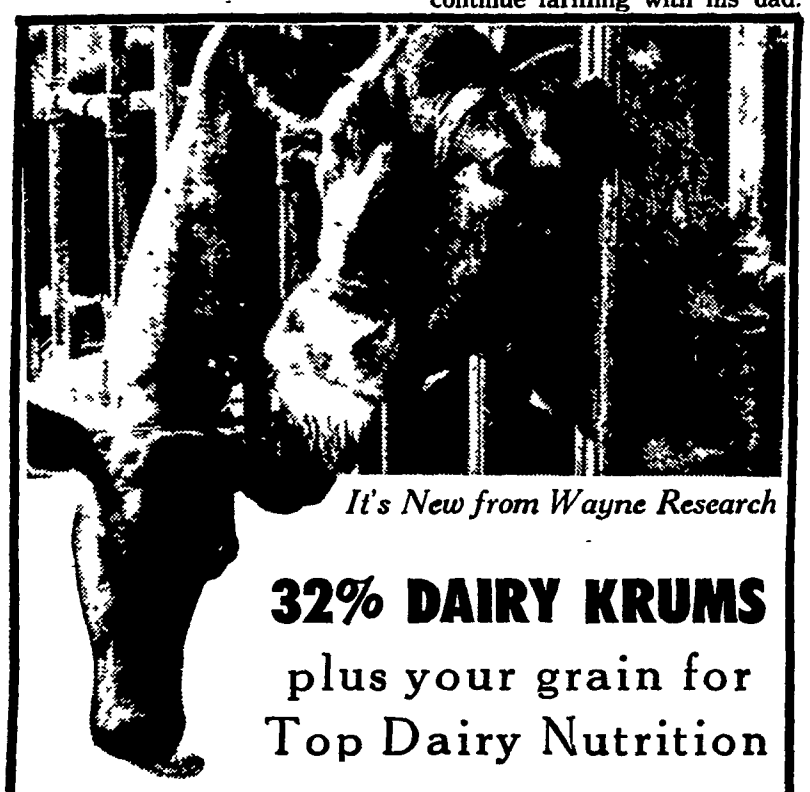

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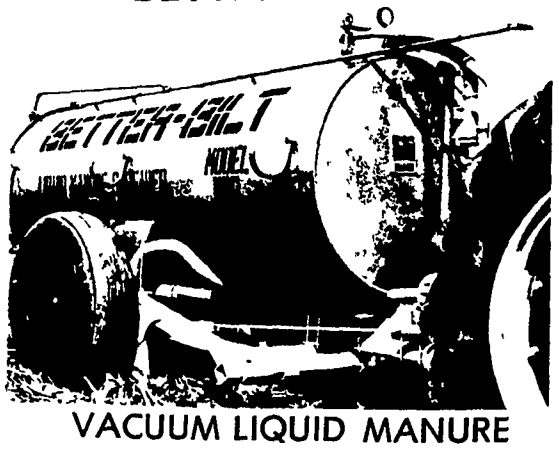

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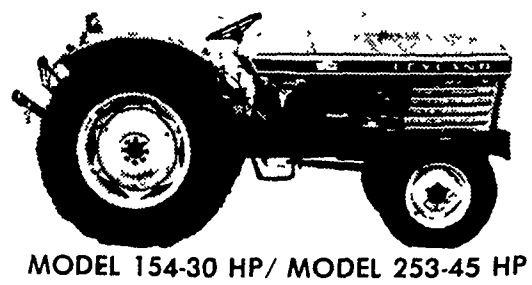

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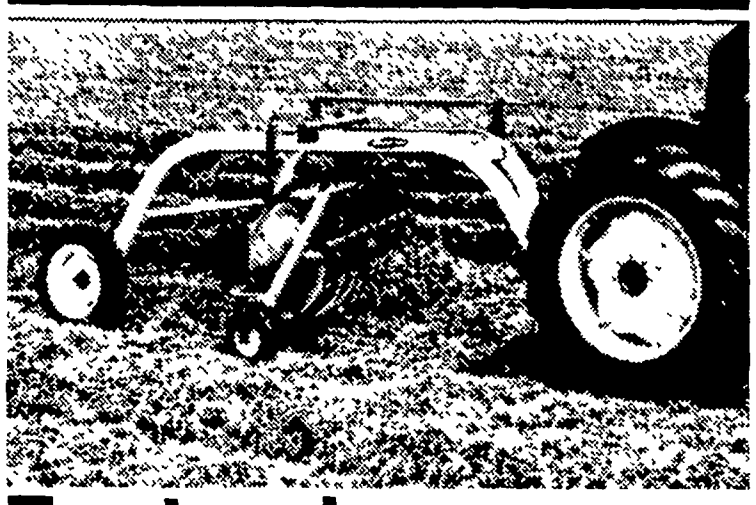

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New Idea's Uni-Forage Harvester

Superchopper

Reliable. A real performer.

Today there's a brand new forage harvester in the field! It's the new generation of choppers from Uni-System, the No. 1 self-propelled forage harvester on the market.

We call it the Superchopper.

If you liked Uni-Choppers before, wait till you see this one in action . . See its reliability . . . its' added convenience . . . and yes, its 15 percent greater capacity

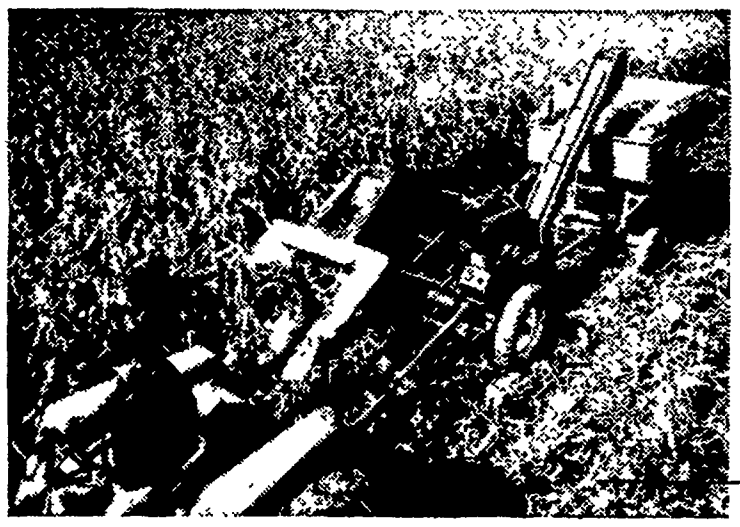
Bigger, heftier cutterhead. Broader, wider design for even smoother flow of material.

Let us show you this great Superchopper. But before you buy, be sure you've got enough forage boxes to handle the greater volume.

AVCO NEW IDEA UNI-SYSTEM

Just plain makes more sense!

Want big capacity? See us for a SUPERPICKER!



Big capacity. A Superpicker is built to tackle any field, any yield—any condition of corn whether it's ten feet tall or storm-blown, down and tangled.

If you've ever owned one, you know how Superpickers like to be left alone. How they're about as trouble-free as a piece of machinery can be.

Fact is, more farmers buy New Idea Superpickers than all other makes combined!

Superpicker—harvests your corn fast.

See us today. Chances are your old picker will make the down payment.

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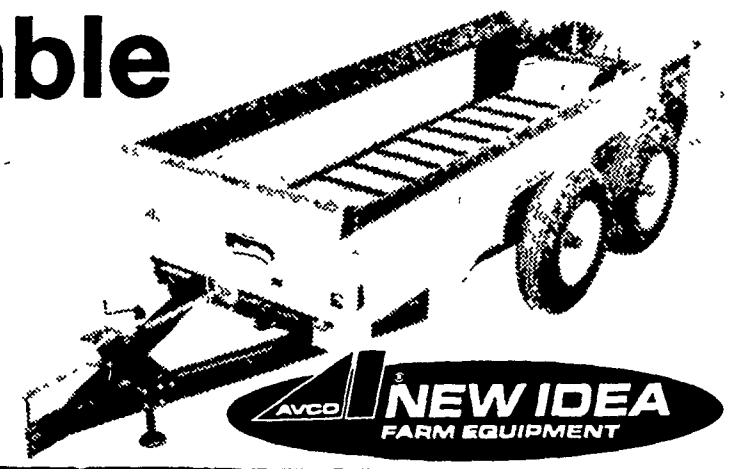
The nimble giant

318-bu. New Idea Spreader is easy to maneuver...and it gets big jobs done fast!



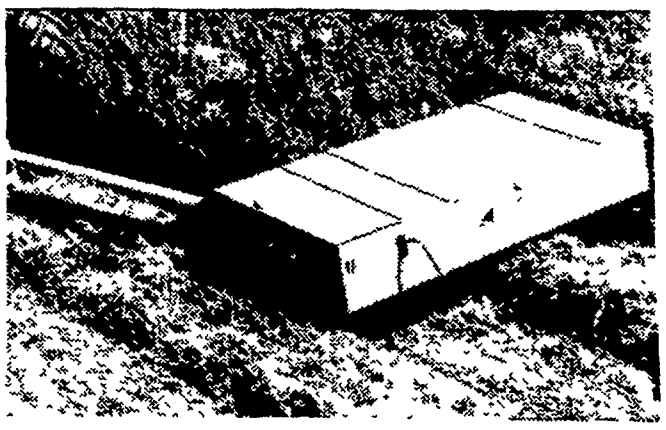
AVCO NEW IDEA FARM EQUIPMENT

Costs hundreds of dollars less...unsurpassed in heavy, down, tangled hay...

Cut/ditioner

AVCO NEW IDEA FARM EQUIPMENT

It's a simple machine, with fewer moving parts, Cuts 7-feet wide. Conditions. Makes windrow or swath. When you can't cut hay with a sickle bar, Cut-dition it! Non-stop. Plug-free. See it at



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FFA Members

(Continued From Page 34)

Lebanon RD4. He is a senior in Annville-Cleona High School. His projects include a dairy herd of four, five acres of corn, and five fattening hogs.

In 1970, as a freshman, Dean received the Star Greenhand award. In 1972 he attended the National FFA Convention and exhibited animals at the Lebanon Area Fair.

Dean has been a member of the Parliamentary Procedure team for three years, and placed first in county and third in area public speaking contests. He is currently president of the Little Dutchmen chapter and secretary of the county organization. He is a member of the Gingrich Mennonite Church where he serves as president of the youth fellowship.

Richard Groff
Cloister Chapter

Richard Groff, son of Mr. & Mrs. Clarence Groff, 1508 West Main Street, Ephrata was a chapter delegate to the National FFA Convention at Kansas City, Mo. He was a member of the winning area land judging team.

Richard also won a gold medal in the State Land Judging Contest held at Penn State. His supervised agricultural program includes employment at Galen's Hardware for the past three years. Richard has also won awards from the county and state for his record books. He was active in the different sales and sports activities sponsored by the FFA.

Paul E. Horning
Cloister Chapter

Paul E. Horning, son of Mr. & Mrs. Paul S. Horning, RD1 Stevens holds the office of reporter in the Cloister FFA Chapter. Paul was the top individual dairy judge in the state contest last summer. He has also been on the 1st place team at Columbus, Ohio, 2nd place team at Penn State and 3rd place team at Springfield, Mass.

Horning was chapter delegate to the National FFA Convention. His farming program includes registered Holsteins, market lambs, veal calves, field corn, and alfalfa. Paul has shown his dairy animals at local and state shows winning many awards. One of his animals was named junior champion at the State Junior Show.

William Ford
Twin Valley Chapter

William Ford III is the son of Mr. and Mrs. William H. Ford of Honey Brook. Bill is currently employed by Stoltzfus Brothers IGA, where he has worked for the past three years. He is also currently serving as the assistant treasurer of the Twin Valley FFA.

During Bill's freshman year he served on numerous FFA committees, including the Banquet committee. He received his Greenhand Degree and participated in the Berks County Parliamentary Procedure Contest and the Berks County Landjudging Contest. As a sophmore and junior, Bill served as treasurer of the chapter. He received the chapter farmer degree and served on many committees, including serving as chairman of the fund raising activities.

As a freshman Bill had beef cattle for a project. During his Sophmore, and Junior years he carried a work experience project, working at the Stoltzfus IGA. Bill has always been an active member of his church. He has participated in the Honey Brook Presbyterian Youth group and is currently the Treasurer of this group. He has also been a member of the church baseball team for two years. Bill is undecided about his plans after graduation from Twin Valley High School this spring.

Ruth Friedhofer
Owen J. Roberts Chapter

Ruth Friedhofer, daughter of Mary L. Friedhofer, Spring City, is a senior Vo-Ag student at Owen J. Roberts. She is treasurer of the local FFA Chapter and secretary of the Chester County FFA.

Her FFA projects began with poultry chicks in the ninth grade, which she expanded to include chicks and laying hens. In her junior year, her program included two beef animals, one of which she showed, plus the poultry. She retails her eggs to neighbors, and her mother sells them at work, with her Ag teacher, Neal Burtner, purchasing some of the surplus.

Ruth participated in the Senior Livestock Judging Contest at Penn State during FFA Activities Week where she won a silver medal. She represented Owen J. Roberts Chapter at the PAFC Workshop held at Shippensburg College in July of 1973.

Ruth is an active member of St. John's United Church of Christ in Phoenixville.

In September of 1974, Ruth will be a freshman at the Chester County Hospital School of Nursing, West Chester, Pa.

N. Thomas Mowrer
Owen J. Roberts Chapter

N. Thomas Mowrer is a senior Vo-Ag student at Owen J. Roberts High School. He is the vice-president of the local FFA chapter, and the Chester County FFA.

His FFA projects began with a registered Holstein heifer which

(Continued On Page 37)

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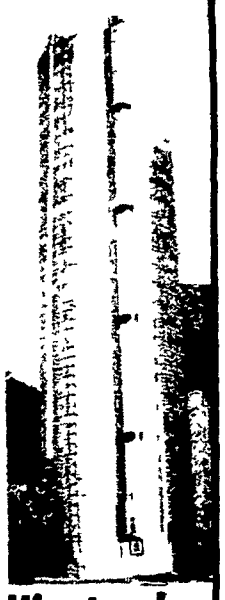

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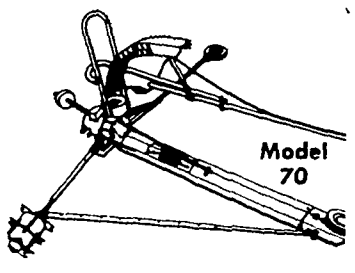

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FFA Members

(Continued From Page 36)

he showed for three years in various area shows and in the Southeastern Regional FFA Dairy Show in Harrisburg. He has since expanded his farming program to include three cows, four heifers, and seven acres of field corn.

Tom participated in the chapter Dairy Judging Team which competed at Penn State during FFA Activities Week.

Tom is an active member of Bethel United Methodist Church in Spring City. He also is a member of the Tri-Community 4-H Dairy and Tractor Driving clubs. After graduation, Tom will work on his parent's dairy farm, Mr. and Mrs. Horace Mowrer, Spring City, along with his brother.

Terry Murray
Twin Valley Chapter

Terry Lee Murray is the son of Mr. and Mrs. Fred Samuels of RD2 Honey Brook. Terry is a senior at Twin Valley High School, and is employed by Mr. Charles Gable, noted local Ayrshire cattle breeder.

During his freshman year, Terry served on numerous FFA committees and received the Greenhand Degree. At the chapter Banquet he received the Star Chapter Greenhand award. Terry served at Twin Valley's Chaplain during his sophmore year. He attended the National FFA Convention in Kansas City Missouri. During the summer he attended the Pa. FFA Convention at Penn State and participated in the State FFA Chorus. Having purchased a dairy heifer the previous spring, he participated in several local fairs.

As a junior Terry served as the FFA vice-president at Twin Valley. He received the Berks County FFA Degree and received both a gold and silver medal for his project books in the state contest. He was also elected to the National Honor Society.

Terry is currently serving as president of both the Twin Valley FFA and the Berks County FFA Association. Terry is a very active member of the Honey Brook United Methodist Church, where he is a member of the Adult Choir, and is president of the Men's Group. He has spoken on religion many times, and is a Sunday school teacher.

Terry's FFA projects have always dealt with animals. Currently his projects consist of a dairy bull, a yearling dairy heifer, and a heifer due to calf during Farm Show Week. He has been instrumental in helping set up a beekeeping "Co-operative" within the chapter, and is currently raising veal calves in partnership with another Twin Valley officer. After graduation this spring Terry would like to show dairy animals and if possible own his own dairy farm.

Mel Weiler
Cloister Chapter

Mel Weiler, son of Mr. & Mrs. Eli Weiler, RD1, Stevens is currently president of the Cloister FFA and has also served as vice-president and county FFA reporter.

Mel was named winner of the chapter's chain calf and chain sheep awards. He attended the National FFA Convention as a chapter delegate. He was also a member of the 1st place dairy judging team at Columbus, Ohio and 3rd place team at Springfield, Mass.

Weiler also attended the Atlantic Rural Exposition in Virginia as a member of Pennsylvania's Poultry judging team.

His farming program includes dairy heifers, market hogs and lambs, and field corn.

Glenn Long
Penn Manor Chapter

Glenn Long is the son of Mr. and Mrs. Howard M. Long, Columbia RD2. He is a member of Habecker Mennonite Church and Sunday school and belongs to the youth group.

He lives with his parents on a 90 acre farm. Since graduation from school, he is working as a mechanic for R.S. Hollinger & Son, Mountville and also helps on the farm when possible.

While in school, Glenn was active in FFA, having projects of veal calves, heifers, pigs, tobacco and corn. He held the offices of assistant secretary and secretary and also attended the FFA Convention in Kansas City in 1972.

John Weaver
Cloister Chapter

John Weaver, son of Mr & Mrs. J. Paul Weaver, RD1, Ephrata was a member of the small gasoline engine trouble shooting team that placed 1st in the state and 3rd in the regional contest held at Springfield, Mass.

John also attended the National FFA Convention as a member of Pennsylvania's Meats Evaluation Team. His farming program includes market hogs and field corn. His record book has won numerous awards in local and state competition. Weaver has exhibited his livestock at various local shows the past four years winning many awards.

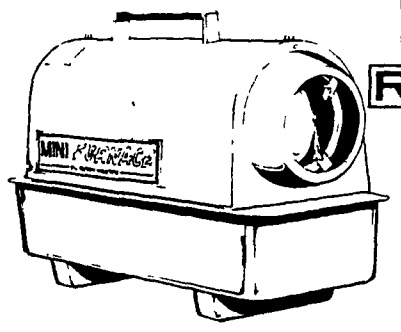
Richard Hess is quite active at Lampeter Strasburg High School in the Garden Spot Chapter of the FFA. He is not only the chapter

(Continued On Page 38)

NEW!

REDDY HEATER

Mini-Furnace Portable Heater



Simple to run. Plug a Mini-Furnace in an electrical outlet, and it starts at once. Unplug it and it stops. It's that easy. Full heat in seconds. Start the Mini-Furnace, hold your hand at the front, and you'll feel full heat right now...over 260 degrees of it, even when the surrounding temperature is zero. Circulates 50,000 BTU's an hour. Operates for less than 6 cents an hour on kerosene or #1 fuel oil. Weighs only 41 pounds and can easily be moved anywhere you want heat.

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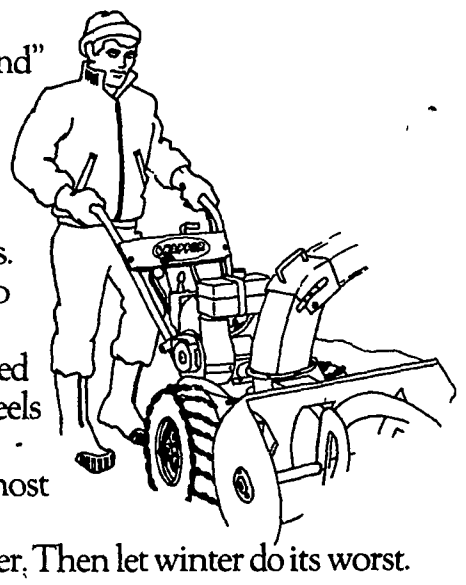
The Snapper Snow-Thrower. It gets you through the worst of winter.

When the snow begins to pile up or ice over, winter may not be exactly a "wonderland" for you. Not if you're the one who's got to shovel his way through it.



But now there's the Snapper Snow-Thrower. Its big 26" wide cut will get you through even the toughest ice and snow jobs. And its two-stage system throws snow up to 40 feet away.

Completely winterized with a fully-sealed chain and gear transmission. Extra large wheels offer total stability and traction, and it is properly balanced for easy handling in the most rugged conditions.

See your Snapper Snow-Thrower dealer. Then let winter do its worst. You'll be ready. SNAPPER

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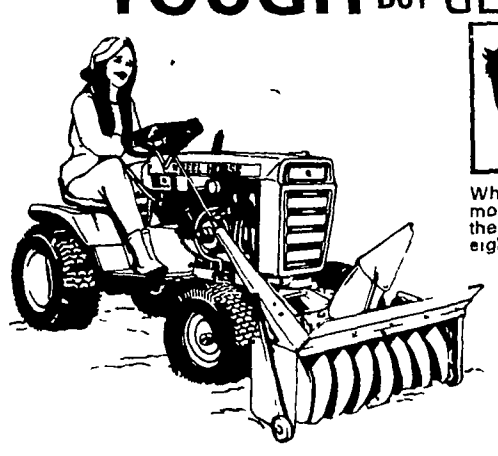

When you gotta move a mound of snow you need the power to do it! Meet eight-horses of power and the 32 snow thrower from Wheel Horse. The snow thrower will clear the driveway and sidewalk in no time—won't clog won't quit. Chews up ice and throws it where you point it. The tractor is 8 horses tough. But it's gentle where it counts—on you! Financing is easy with us. Backed by 27 years of Wheel Horse experience

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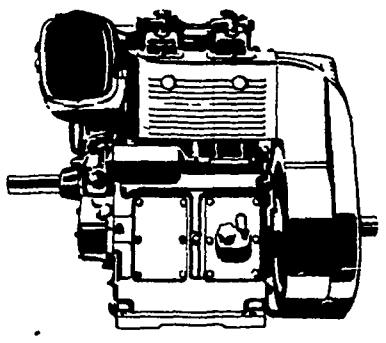

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FFA Members

(Continued From Page 37)

Richard Hess
Garden Spot Chapter

president but also the president of the Lancaster County FFA Chapter. His farming projects consist of a dairy herd made up of four cows and four heifers, two acres of tobacco, twelve acres of field corn and two steers.

Besides his activities in FFA, he is very active in other school activities such as varsity football, basketball, and baseball. Richard who is now a senior, plans to attend college next year and study some form of agriculture.

Steve Ussler
Owen J. Roberts Chapter

Steve Ussler, son of Mr. and Mrs William Ussler, RD2, Pottstown is a senior Vo-Ag student at Owen J. Roberts High School. He is president of the local FFA chapter, and treasurer of the Chester County FFA.

His first FFA project in ninth grade was a working for experience project on S. Harvey Kulp Jr.'s farm. He held the same job and entered project books each year in the state project book contest. When Steve was a junior, he raised five veal calves for his first production project. As a senior he raised three and one half acres of field corn, four acres of wheat, six veal calves, two dairy beef, and two Registered Holstein heifers. He showed one of the animals in three dairy shows this summer. He won two fourth place ribbons in area contests, and a fifth place ribbon in the Junior All American Dairy Show in Harrisburg.

After graduation, Steve plans to attend a two year college for a course in dairy husbandry, before he starts a dairy herd of his own.

David Hess
Penn Manor Chapter

David Hess is the son of Mr. and Mrs. Paul Hess of Lancaster RD2. He works for Roijester Fertilizer Company.

While in school, Dave was active in the Manor FFA. He represented Penn Manor in the National Livestock Contest in Kansas City and also attended the National FFA Convention as a freshman and senior.

Dave had projects that included sows, corn, hay, and in addition, was active in the Work Experience Program.

Tom Denlinger
Pequea Valley Chapter

Tom Denlinger, son of Mr. and Mrs. Thomas Denlinger of RD1, Gap. Tom is a Senior whose projects include raising and showing Registered Holstein Dairy Cattle, feeding 84 finishing hogs, raising 224 rabbits, and a cooperative Work Experience program on the farm of Melvin R. Stoltzfus, Ronks. Tom is presently holding the Office of Chaplain of the Pequea Valley FFA Chapter having served one year as Secretary as a Junior. Last year Tom received the Star Chapter Farmer award and has participated in both Parliamentary Procedure and Livestock Judging contests.

Other area youths, not pictured, who will receive the Keystone Farmer degree are:

Chester County

Donald H. Windle, Jr., Coatesville RD3, Octorara Chapter.

Berks County

David W. Schantz, Alburtis RD1, Brandywine Heights; Albert George Dillon, 30 E. Broad St., Shillington, Governor Mifflin; Thomas J. Heffner, Shoemakersville, Hamburg Area; Jacob H. Leiby, Shoemakersville RD1, Hamburg Area; Marlin G. Dietrich, Kempton RD1, Kutztown; David P. Kistler, Kempton RD1, Kutztown.

Lebanon County

Glenn Gingrich, Lebanon RD4, Cedar Crest; Donald L. Reist, Lebanon RD1, Cedar Crest; Donald Bollinger, Myerstown RD2, E. Lebanon County; Clifford Berger, Fredericksburg RD1, Northern Lebanon; Glenn Ulrich, Box 52, Ono, Northern Lebanon.

1974 Funding Announced For Environmental Conservation

The U.S. Department of Agriculture (USDA) recently announced the operation and funding for fiscal year 1974 of the new Rural Environmental Conservation Program authorized by the Agriculture and Consumer Protection Act of 1973 and the Water Bank Program.

Total funding level for the two programs, the Department said, will be $100 million. RECP will receive $90 million and Water Bank $10 million.

RECP is a new program which carries forward some features of the old Rural Environmental Assitance Program but with increased emphasis on tree planting in states and counties to be designated. Annual cost-share agreements will be used as well as phasing-in of the Title X authority in the farm act which authorizes the Secretary to enter into long-term cost-share agreements with landowners to establish conservation practices.

These programs will help landowners establish and follow recommended permanent type conserversation practices while farmers are being called on for all-out production to meet consumer and export needs.

Water Bank continues a program established by Congress in 1971 providing agreements with owners and operators of eligible wetlands in important migratory waterfowl nesting and breeding areas. Participants agree not to drain, burn, fill, or otherwise destroy the wetland character of such areas.

The Agricultural Stabilization and Conservation Service will administer the cost-share agreements through its farmer-elected committee system, in close cooperation with other agencies of USDA. Planning, technical and educational assistance will be provided by Soil Conservation Service, Forest Service, Extension Service, and state forestry agencies.

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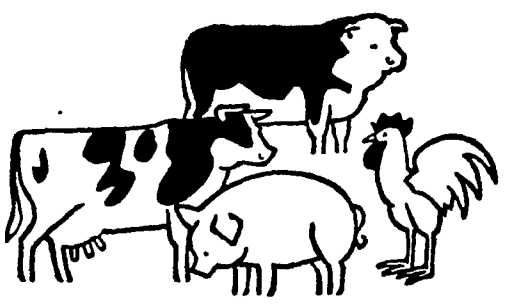

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Heisey will Host Goodwill Mission

Enos B. Heisey, prominent agricultural leader and well known Field Manager of Public Relations, Agway Inc.. has been selected and named as host for a delegation of Pennsylvania agricultural leaders on a twenty-one day Goodwill People-to-People inspection mission throughout Scandinavia and Eastern Europe.

The Pennsylvania delegation will depart New York on July 25, 1974. They are scheduled to take part in numerous visitations with their occupational counterparts, as well as participate in numerous meetings and interviews with United States and foreign government representatives.

The Goodwill Mission will take the Pennsylvania citizens to Norway, Denmark, Sweden, Finland, the Soviet Union, Poland and Switzerland.

Membership in the Pennsylvania People-to-People delegation is limited to official and personal invitation only. The entire Goodwill Mission is arranged and designed to implement the aims and purposes of the United States cultural visitation exchange program and endorsed by People-to-People, Inc., Kansas City, Missouri.

Its purpose is to promote understanding and goodwill, both for the American people and the American government, to tell the story of democracy during face to face visitations and to improve relations and feelings toward the American people.

Heisey is a resident of Manlius, N. Y. and Mount Gretna, Pa. and is a former resident of Hershey, Pa.

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ABOUT $60 BILLION WORTH.

The American farmer is about to experience one of the most demanding decades in his history.

He will be called upon to produce more food, for more people, than ever before.

In the United States alone, the population is expected to double by the year 2000.

But we know the farmer can meet this challenge, as he has met others in the past.

Twenty years ago, he produced enough food daily for himself and 19 other people.

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So to anyone who doubts the farmer's efficiency or ability to produce, we simply say look at the record.

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Pennsylvania Farm Show Schedule

Sunday Afternoon, January 6

1 00—Judging Hampshires—Small Arena
2 00—Judging Cheviots—Small Arena
3 00—Judging Southdowns—Small Arena

Monday Morning, January 7

8 00—Judging starts in all Departments, except where specified hours are indicated
8 00—Judging Suffolk—Small Arena
8 00—Judging Ayrshires including Junior Dairy Classes—Large Arena
8 00—Judging Guernseys, including Junior Dairy Classes—Large Arena
8 00—Judging Chester Whites—Small Arena
8 00-5 30—Vocational Demonstration Contests, Room A (Auditorium), Main Show Building
8 30—Christmas Tree Growers Association Meeting, Penn-Harris Motor Inn
8 30—Future Farmers of America Executive Council Meeting, Room 200, Education Building
9 00—Judging Poland Chinas—Small Arena.
9 00—Judging Belgians—Large Arena
9 00—Judging Shropshires—Small Arena
9 30—Beekeepers Association Meeting, Room 309, Department of Agriculture Building
9 30-5 00—Future Homemakers of America homemaking demonstrations, Department of Education Booth, Upper Concourse, Large Arena
10 00—Society of Farm Women, Annual Convention, The Forum Education Building
10 00—Judging Dorsets—Small Arena
10 00—Judging Duroc—Small Arena
11 00—Judging Hampshire Swine—Small Arena

Monday Afternoon, January 7

12 30—Judging Berkshires—Small Arena
1 00—Juding Grade Horses—Large Arena
1 00—Judging Corriedale Sheep—Small Arena
1 00—Society of Farm Women reconvenes, The Forum, Education Building
1 00—Future Homemakers of America Executive Council Meeting, Room A, Nationwide Inn
1 30—Future Farmers of America Executive Council reconvenes, Room 200, Education Building.
1 30—Judging Yorkshires—Small Arena.
1.30—Christmas Tree Growers Association reconvenes, Penn-Harris Motor Inn.
1 30—Raw Milk Producer-Distributors Association Meeting, Office No 2, Large Arena, Second Concourse
2 00—Judging Rambouillets—Small Arena
2 00—Berkshire Breeders Association Meeting, Room B, Main Show Building
2 30—Judging Spotted Swine—Small Arena
3 00—Judging Merinos—Small Arena
3 30—Judging Landrace—Small Arena
Ayrshire Breeders Association Meeting, Room B Main Show Building 1 hour after judging is over.

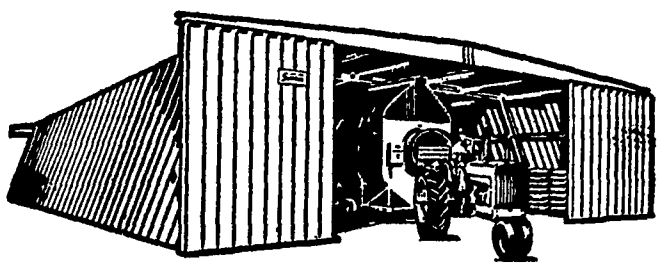
Monday Evening, January 7

6 00—Society of Farm Women, Penn-Harris Motor Inn, Camp Hill
6 30—Beekeepers Association Banquet, Colonial Park United Church of Christ, 5000 Devonshire Road
6 30—Christmas Tree Growers Association Banquet, Penn-Harris Motor Inn
7 00—Cooperative Swine Breeders Association Meeting, Room B, Main Show Building
7 30—Secretary of Agriculture's Night—Large Arena
9 00—Farm Show Building closes

Tuesday Morning, January 8

8 00—Judging Vocational Swine Classes, all breeds—Small Arena.
8 00—Judging Holsteins including Junior Dairy Classes—Large Arena
8 00—Judging Milking Shorthorn, including Junior Dairy Classes—Large Arena
8 00-5 30—Vocational Demonstration Contests, Room A (Auditorium), Main Show Building

new from BEHLEN
the economy
Spartan



Brawny Building, Puny Price

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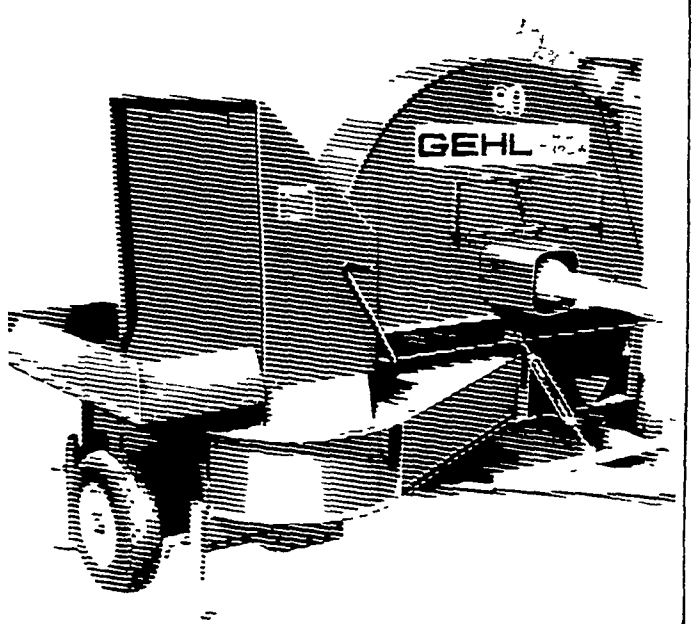
TWO BLOWERS IN ONE



Compare this blower to conventional blowers. The Gehl FB99 has staggered fan blades, six on each side of the rotor. They actually give you two blowers in one. The timed delivery of material from alternate paddles provides maximum use of available space in the nine inch pipe. Result is increased capacity. Alternate paddles provide a steadier flow of air and material. Pressure and velocity is maintained as material is blasted up the pipe. No gaps. No slowdowns. No more silo bottlenecks.

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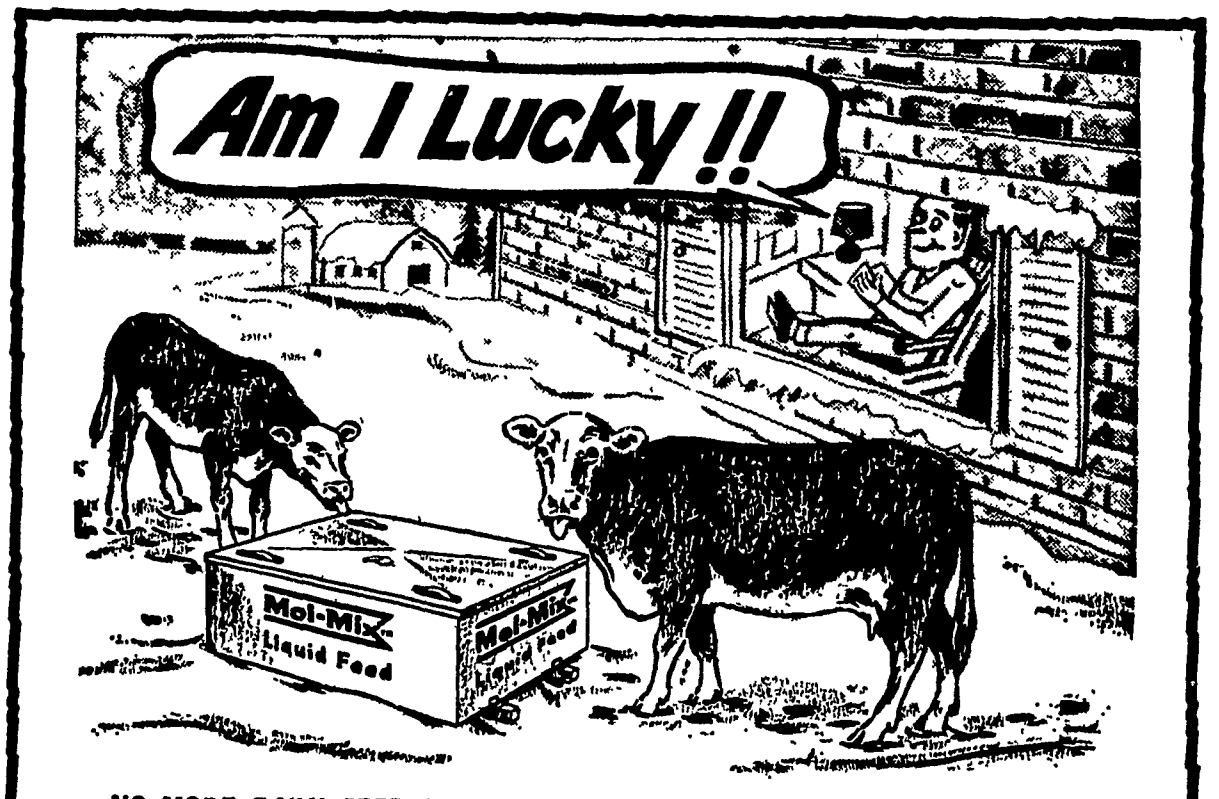

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Pennsylvania Farm Show Schedule

8:30—Future Farmers of America, Executive Council reconvenes, Room 200, Education Building.

9·00—Judging Percherons—Large Arena

9.00—Society of Farm Women Meeting, Room F, Main Show Building.

9:00—Future Homemakers of America, Executive Council Meeting, Room A, Nationwide Inn.

9 00—Christmas Tree Growers Association reconvenes, Penn-Harris Motor Inn

9.30-5.00—Future Homemakers of America homemaking demonstrations, Department of Education Booth. Upper Concourse, Large Arena.

10 00—Guernsey Breeders Association Meeting and noon Banquet, Scottish Rite Cathedral, 2701 N. Third Street.

10:00—Chester White Swine Sale—Small Arena.

11.30—Berkshire Swine Sale—Small Arena.

Tuesday Afternoon, January 8

1:00—Chester White Swine Breeders Association Meeting, Room D, Main Show Building.

1·00—Duroc Swine Sale—Small Arena.

1.00—Future Homemakers of America Executive Council reconvenes, Room A, Nationwide Inn.

1.30—Future Farmers of America Executive Council reconvenes, Room 200, Education Building.

2:00—Sheep and Wool Growers Co-operative Association Meeting, Room B, Main Show Building.

2·30—Hampshire Swine Sale—Small Arena.

Tuesday Evening, January 9

6 15—FFA Band Concert—Large Arena

6:30—Dairymen's Association, Annual Banquet Penn-Harris Motor Inn

7 30—Folk Dance Festival and Contest—Large Arena.

8 00—Horse and Mule Association Meeting, Room E, Main Show Building

9 00—Farm Show Building closes

Wednesday Morning, January 9

8·00—Judging Brown Swiss, including Junior Dairy Classes—Large Arena.

8:00—Judging Jerseys, including Junior Dairy Classes—Large Arena.

8:00-5 30—Vocational Demonstration Contests, Room A (Auditorium), Main Show Building.

8:30—Future Farmers of America Executive Council reconvenes, Room 200, Education Building.

8:30—Rural Electric Association Meeting, Holiday Inn Town.

9.00—Judging Angus—Large Arena.

9:00—Judging Herefords—Large Arena.

9:30—Future Homemakers of America Annual Winter Meeting, The Forum, Education Building

9:30-5:00—Future Homemakers of America homemaking demonstrations, Department of Education Booth, Upper Concourse, Large Arena.

10:00—Flying Farmers Association Meeting, Room E, Main Show Building

10 00—Vegetable Growers Association Meeting, Room F, Main Show Building.

10 00—Landrace Swine Sale—Small Arena

11 30—Yorkshire Swine Sale—Small Arena.

Wednesday Afternoon, January 9

12 00—Judging Polled Herefords—Large Arena

12:30—Judging Shorthorns—Large Arena.

12:30—Future Farmers of America Awards Convention, The Forum, Education Building

1:00—Spotted Swine Sale—Small Arena.

1:15—Vegetable Growers Association reconvenes, Room F, Main Show Building

1:30—Judging Charolais—Large Arena.

1:30—Jersey Cattle Club Meeting, Office No 2 Large Arena

1·30—Master Corn Growers, Room B, Main Show Building

2:30—Poultry Federation Meeting, Room 309, Department of Agriculture Building.

2·30—Poland China Swine Sale—Small Arena.

3·30—Yorkshire Cooperative Assn. Meeting, Room E, Main Show Building

Wednesday Evening, January 9

4:00—Charolais Association Meeting, Room B, Main Show Building

4.30—Lightweight Horse Pulling Contest; Six-Horse Hitch Demonstration; Heavyweight Horse Pulling Contest —Large Arena.

6:30—Poultry Federation Dinner, Penn-Harris Motor Inn.

7.30—Cooperative Swine Breeders Association Executive Committee Meeting, Room C, Main Show Building.

9:00—Farm Show Building closes.

Thursday Morning, January 10

8:00-11·30—Vocational Demonstration Contests, Room A (Auditorium), Main Show Building

9·00—Judging Junior Club Breeding Sheep—Small Arena. Junior Market Lamb Show—Small Arena.

9:00—Judging Junior Beef Breeding Cattle—Large Arena.

9.00—Junior Market Barrow Show—Small Arena.

(Continued On Page 42)

Big Dutchman.

HANDLES THE FOLLOWING

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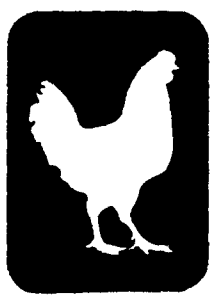

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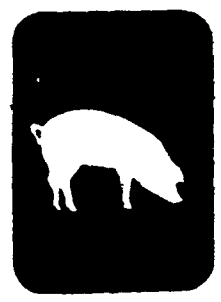

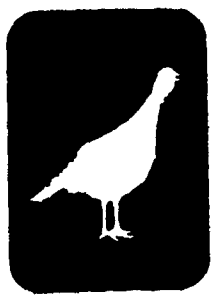

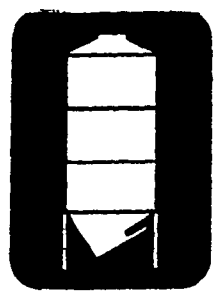

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Show Schedule

(Continued From Page 41)

9:00-2:00—4-H Club Potato Grading Contest, Room F, Main Show Building.

9:30-5:00—Future Homemakers of America homemaking demonstrations, Department of Education Booth, Upper Concourse, Large Arena.

10:00—Nut Growers Association Meeting, Office No. 2, Large Arena, Second Concourse.

10:00—Judging Junior Club Angus—Large Arena.

11:15—Judging Junior Club Herefords—Large Arena.

12:30—Crossbred and Other Breeds—Large Arena.

Thursday Afternoon, January 10

1:00—Maple Producers Council Meeting, Room 309, Department of Agriculture Building.

1:30—Nut Growers Association reconvenes, Office No. 2, Large Arena, Second Concourse.

1:45—Judging Junior Breed Champions and Grand Champion Junior Steer—Large Arena.

2:00—Judging Junior Baby Beef Trios—Large Arena.

2:30—4-H Lamb Fitting and Showmanship Contests—Small Arena.

4:00—4-H Sheep Blocking and Grooming Contest—Small Arena.

4:30—4-H and FFA Tractor Driving Contests—Large Arena.

Thursday Evening, January 10

7:00—Livestock Cavalcade; 4-H Club Light Horse and Pony Demonstration—Large Arena.

9:00—Farm Show Building closes.

Friday Morning, January 11

10.00—Junior Showmanship Contest—Large Arena.

9:30-1:00—Future Homemakers of America homemaking demonstrations, Department of Education Booth, Upper Concourse, Large Arena.

Friday Afternoon, January 11

12:30—Junior Market Hog Sale.

2:15—Sale of Junior Steer—Small Arena.

1:15—Sale of Junior Market Lamb—Small Arena.

4:00—Farm Show closes.

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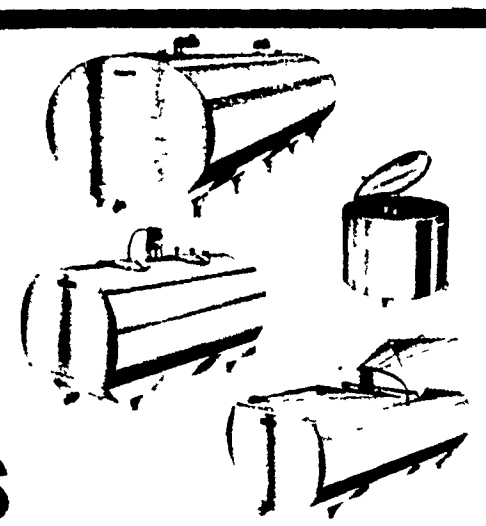

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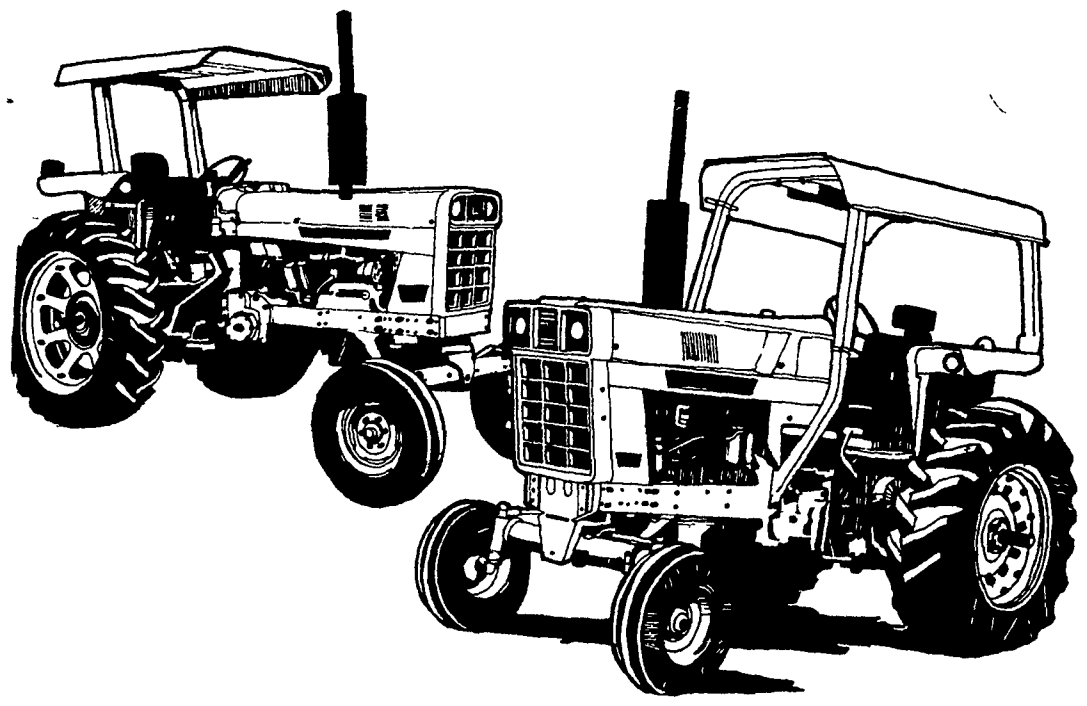

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Good Year Predicted For Farmers

Farmers will continue to be squeezed in the cost-price spiral as they ponder 1974 farm income prospects, but they can look forward to another good year of earnings, and credit availability should be no problem.

That is the year-end assessment of E. A. Jaenke, Governor of the Farm Credit Administration, the agency which supervises the $21 billion borrower-owned Farm Credit System.

Citing the good 1972 and 1973 farm income levels, Jaenke predicted that farm income will be better than average in 1974, but will not reach record 1973 levels because of rising production expenses, moderating farm prices and slower expansion of exports.

"We are genuinely optimistic that adequate credit will be available through the Farm Credit System," Jaenke said, "but because of the higher cost of money and inflationary pressures, the price may be higher."

Borrowers in the Farm Credit System – The Federal Land Banks and Associations, Federal Intermediate Credit Banks and Production Credit Associations, and Banks for Cooperatives – were doubly rewarded during 1973 by the record farm income levels and improvement in overall loan quality, Jaenke noted in his year-end report. Because of the strengthening of farmers' financial positions, the number of loan foreclosures, delinquencies and problem loans declined.

The Farm Credit Administration Governor said that as farmers and their cooperatives remain optimistic about future farm income and continue to incur rising levels of debt to expand their operations, the Farm Credit System has reached new milestones of service to the people of American agriculture.

"During calendar year 1973, we served more than 433,000 farmers and ranchers, and about 2,900 farmer cooperatives. Taken in the aggregate, these are record levels for the Farm Credit System," Jaenke reported.

Since reporting record lending levels at mid-year, Jaenke noted an upsurge in Federal Land Bank and Production Credit Association borrowing activity in the past six months with loans outstanding exceeding figures for last year by approximately one-third. Since June 30, Banks for Cooperatives loans made have exceeded year ago levels by nearly 81 percent.

During the 12 months ending November 30, Jaenke reported that the Farm Credit System had 731,033 loans outstanding. Loans made during this period totaled $20.9 billion, up 42 per cent over last year. Net loans outstanding on November 30 amounted to $21.1 billion, up 19 per cent over the comparable 1972 figures.

Jaenke took note of the unavoidable disruption in the farm economy caused by the energy shortage.

"The immediate impact is in price – costs of fuel and energy in all forms are rising and will go higher," he said. "The banks and associations in the Farm Credit System will need to carefully review with their borrowers the effect of increased production expenses and the resulting squeeze on farm profits."

New money estimates for calendar year 1974 are projected at $3.3 billion, about the same as for 1973, Jaenke revealed. Interest rates charged farmers by the Farm Credit banks and associations will rise a little further in the first half of 1974, even if the cost of marketing debt declines. This will occur because low cost debt will be returned and replaced by securities of higher yields.

USDA Review Of Fluid Milk Prices

The U.S. Department of Agriculture (USDA) has decided to make no changes in the method of determining minimum fluid milk prices that dealers must pay dairy farmers under Federal milk marketing orders.

The decision, announced recently, is based on a public hearing held Aug. 28-30 and Sept. 18-19 in Clayton, Mo., to review levels of fluid milk prices paid to farmers, and to determine whether emergency price action would be needed for the next few months. The Department decided, except for a temporary action in September (a 60-cent per hundredweight increase Sept. 9-30), that the basic formula price now in the orders will give assurance to dairy farmers of price levels during coming months needed to maintain adequate supplies of milk.

Since September the milk order price formulas – without being changed – have resulted in additional price increases to dairy farmers, $1.11 through December, and another 15-cent increase in January, officials of USDA's Agricultural Marketing Service explained. Also, feed prices, a principal cost in milk production, have declined to some extent. Thus, officials said, the milk order basic formula price (average pay price in Minnesota and Wisconsin for manufacturing grade milk) is responding to current supply and demand conditions.

USDA's decision denies proposals made at the hearing to increase, for a temporary period, Class I prices more than would result from the formula, or to provide a minimum or "floor" for the basic formula price used in determining Class I prices. In addition, the decision takes no action on suspending Class I base plans in any orders, another issue considered at the hearing.

The decision formally ends the proceeding. It will appear in the Federal Register Jan. 3, 1974, or may be obtained from the Dairy Division, Agricultural Marketing Service, USDA, Washington, D.C. 20250.

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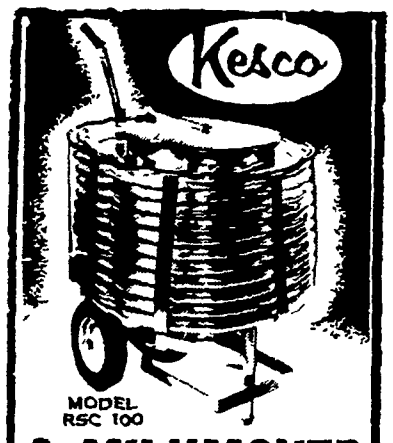
My Neighbors

"Must you go at last?"



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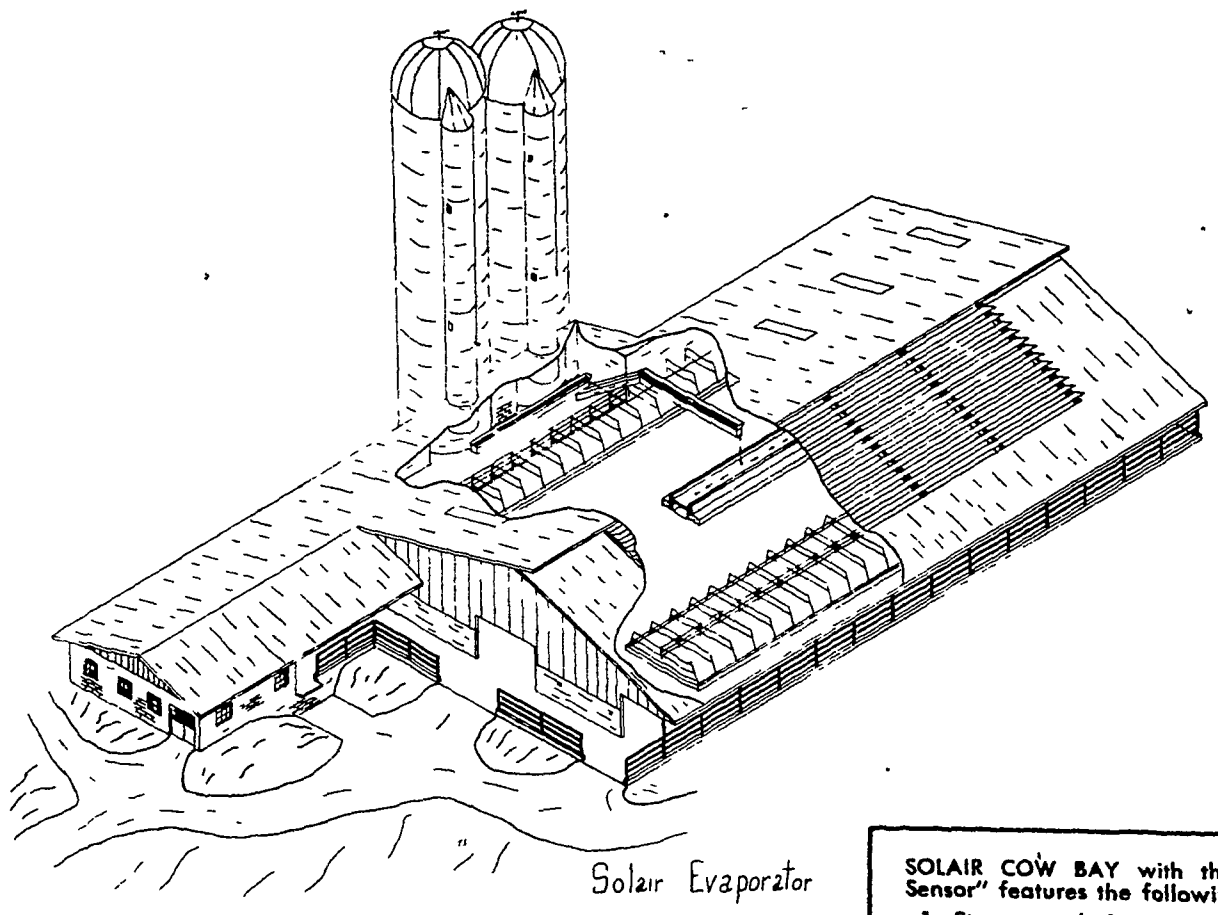

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Kurtz, Stoltzfus Win FFA Awards

Good records and hard work have paid off for two members of the Twin Valley FFA Chapter. Richard Kurtz, son of Mr. and Mrs. Mahlon Kurtz of RD2 Elverson, has been named the state winner of the Fish and Wildlife Management Proficiency Award; while Frank Stoltzfus, son of Mr. and Mrs. Frank Houck also of RD2 Elverson, has been named as winner of the Livestock Production Proficiency Award. A total of ten such awards in various areas will be presented at the Mid-Winter Awards Convention of the Pa. FFA Association on Wednesday January 9, 1974 in the Forum Building of the Pa. Capitol Complex in Harrisburg. The award will include a $100 savings bond and a plaque.

Richard Kurtz

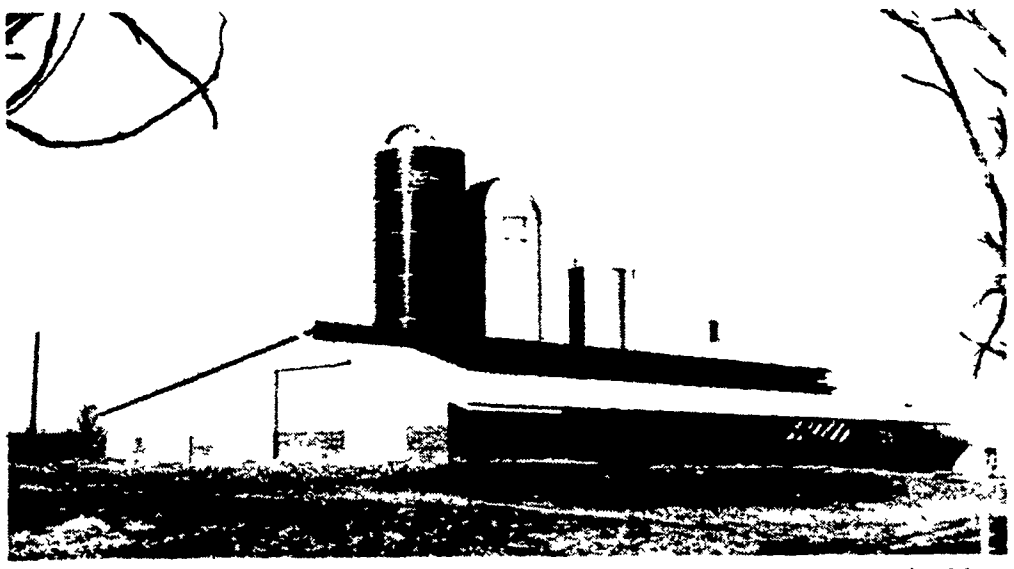
Both Rich and Frank are 1972 graduates of Twin Valley High School. Rich has served as chapter Chaplain and Reporter, besides participating in track, basketball, and cross country. Before starting vocational agriculture in 1968, Rich worked with his parents in their fishing lake and bait raising business. Not surprisingly, his first project in agriculture was minnow production, and he has continued to expand upon this area ever since. In five years Rich has produced and sold over 100,000 minnows from his own ponds, which has generated sufficient income to enable him to receive the Keystone Degree in 1973.

Frank Stoltzfus

What's in Rich's future? - Fish.

Frank has served Twin Valley in the capacity of Sentinel, Vice-President, and President. He has also served as President of the Berks County FFA and State wide Vice-President of the Pa. FFA Association. Frank has always had livestock projects as part of his vocational agriculture program. Beginning in ninth grade in a remodeled steer barn, he fattened 59 hogs. Since then he has raised almost 1000 market hogs. In his senior year, as part of the expanding farming operations of Frank and his parents, the steer barn was again remodeled, this time more than doubling its capacity. Following his election as a state FFA officer, Frank decided to limit his farming operations. Entering into a management agreement with his parents, he became partially responsible for the overall management of the swine fattening operations which finish over 2000 hogs annually. In addition to his hogs, Frank has also raised horses, having a mare foal in 1971. After having breeding problems with the mare however, he decided to stick to pleasure horses and his hogs. What does the future hold for Frank? More hogs, and taking over the crop enterprises on his parents 240 acre farm!!

Frank and Rich are the first Twin Valley members to receive state Proficiency Awards in the history of the chapter.



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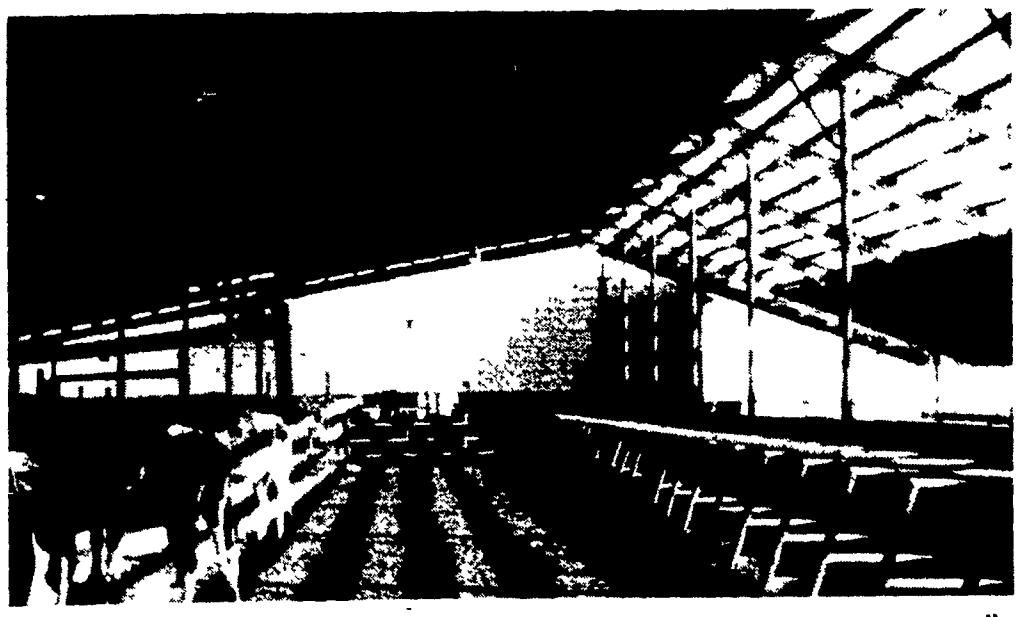

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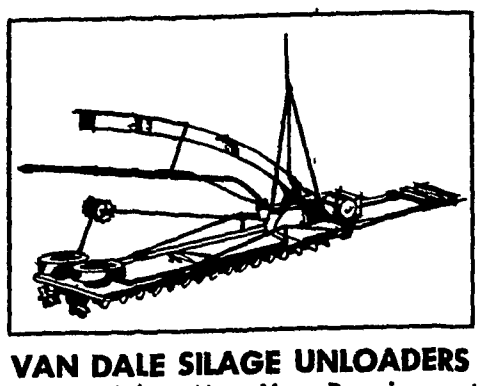

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Letters to the Editor

McHale Replies

In your December 1 editorial, "McHale's Paper Bullets," you criticized our news releases and commentaries which opposed Nixon administration farm policies. You labeled them political and said it appeared that anything the Nixon administration was for, McHale was against.

There is a basic ideological difference between the Nixon administration and that of Gov. Milton Shapp's toward farming. The Nixon team is for big business control of farming, whereas the Governor and I are dedicated to the preservation of the family farmer. Call this political if you will. But I think the public has a right to know and choose between these ideologies as they become evident in the programs backed by the two administrations.

Both the United States Department of Agriculture and the Pennsylvania Department of Agriculture regularly issue releases on crops, market conditions and so forth, a practice you commended in your editorial. We both issue our views on farm policy -- USDA through speeches by Secretary Butz and the undersecretaries released to the media, and my department through my commentaries and news statements. In this way, the public benefits from the expressions of two points of view.

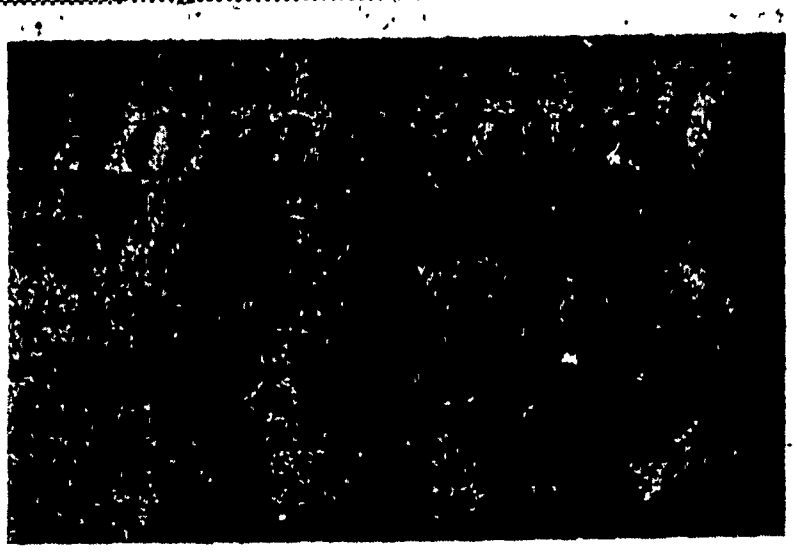
When the Russian wheat deal was made, USDA gushed effusively about what a boon that was for American farmers. I saw it differently. I think the consequences of this deal have borne me out. It was a boon alright, but for the six major grain companies involved in the deal who made 13 times their normal profit. Many grain farmers sold too early to benefit from the price rise that occurred after the dealers had acquired the grain. Pennsylvania farmers, of whom the majority are dairymen, suffered extreme hardships from high feed prices that resulted from the deal. The public, reading USDA inspired news stories, directed their anger over the ensuing high food prices toward the farmer. You may call it political, but I thought it was important to set the record straight as far as just how much farmers benefited.

Grain is one of America's most vital resources. How much we export, and to whom, affects world relations. Therefore, I believe our government should have a policy regarding the allocation of this resource. The Nixon administration has acknowledged openly that we must pay for oil imports with grain exports. If this is the case, then we should make sure we have this grain currency on hand when we need it. This was my thinking when I issued the statement about the Mideast cutback of crude oil to the United States.

I also criticized the administration's termination of the Rural Environmental Assistance Program (REAP) last year. To me this was a fundamental example of Washington's attempt to eliminate programs beneficial to small farmers. It is true that some of the conservation aspects of REAP were salvaged by the new farm bill, but here I would credit Congress rather than the administration which opposed the bill.

You correctly noted that payments for lime will not be continued in the new farm bill. Perhaps you did not think this was important. But I did because the use of lime is essential to the application of fertilizers. I contended that the use of lime will decline and with it the productivity of our lands because farmers just cannot afford to take on the entire cost themselves. I believe the public should know the consequences of this particular action by Washington.

James A. McHale
Pa. Secretary
of Agriculture



Mrs. Mary Funk . . .

A Credit to Family Business

Farm Feature Writer

By Mrs. Charles McSparran

Mrs. Milton B. (Mary) Funk, Washington Boro RD1, treasurer of Lancaster County Society of Farm Women and a charter member of Farm Women Society 23, will be one of the hundred or more Farm Women of Lancaster County attending their annual two-day state convention at Harrisburg January 7 and 8.

Monday's session will be held at the Forum, the banquet Monday night will be held at the Penn Harris Restaurant and the session Tuesday at the Farm Show Building. Approximately 600 Farm Women attend this convention. Most of the women attend the banquet and largely, delegates attend Tuesday's session when policies are adopted.

Mrs Funk, who is serving her second year as county treasurer, says "I enjoy Farm Women. I put it almost first. I think you only get out of something what you put in it. I especially enjoy being county treasurer and going to all these other Society meetings. I don't mind working with figures."

Farm Women Society 23 was organized about 21 years ago. They have 20 members and meet the first Tuesday night of each month. They have supported a Korean orphan for at least 15 years. They give birthday and Christmas gifts and treat money to three children at Hamburg State Hospital. They put on programs and took treats a couple times to the Lancaster County unit at Embreeville State Hospital. They gave a $25. love gift to the state Farm Women scholarship fund this past year. This scholarship fund is for any Farm Women daughter who is taking home economics.

Mrs. Funk has served as president, vice-president and treasurer of this Society, was program chairman three times and has been on the ways and means committee four or five years. The Society earns most of their money by having food stands at sales They also sell dishcloths and vanilla. Mrs. Funk entertained two Michigan homemakers for Farm Women this past year, and also made a dress for the county contest. Ten from each county will be entered in the state contest.

Mary, the daughter of Mrs. G. M. and the late Mr. Brooks of Willow Street, graduated from West Lampeter High School and started to work in the tabulating department of Armstrong Cork Co., Lancaster, January 1940. She worked there four and a half years, during which time she was married. Mary has a twin sister, Alice, married to Robert Shenk, a part of the Shenk Cheese Co., who is often mistaken for her. Both Mary and Alice are musical and are organists at their respective churches, Mary at Central Manor Church of God and Alice at West Willow United Methodist Church.

Mary's husband Milton is the oldest of nine Funk brothers whose parents were the late Mr. and Mrs. Roy Funk. These nine brothers are in the business together known as Funk Brothers, Inc., of which Milton is president. Their business consists of farming on a large scale together with an excavating business for which they are better known. Milton, who graduated from Manor High School and took a farm management correspondence course, started out in farming on a small scale and later got an excavator.

Mary says "I rather think our business grew on the little things." Four of the brothers work with the excavating equipment and five with the farms and markets. Milton hires the men for, and is in charge of, excavating and is responsible for the whole business.

Mrs. Funk does the farm bookwork and handles the money end of Funk Brothers, Inc.

Mrs. Milton B. Funk, treasurer of Lancaster County Farm Women, enjoys being treasurer and likes to work with figures.

Mary does all the office work for the farming end of the business, including the book work, answering their business phone when her husband isn't home, handles all the money and banking, even for excavating, and the payroll for the farm and excavating business. Five of the farm help are paid every week, ten by the month plus 15 Puerto Ricans who pick field grown tomatoes for canneries, asparagus, strawberries and raspberries one and a half to two months in the summer They live in two apartments and a house of Funks

Funk Brothers hire 60 people the year around, including seasonal help. They have about 30 men working on excavating which includes one office man, one office girl, one engineer and Milton and Mary's son David who has a B.A. from Millersville State College in geology, plus three Funk brothers. They moved their office five years ago to their Market House at Central Manor.

Funk Brothers own five farms consisting of 200 acres plus 400 acres rented ground which is all farmed except a little ground where the houses are situated and a little meadow. They grow 50 acres of corn for silage and 200 acres which they pick, 75 acres of mixed hay, 100 acres of wheat and 50 acres of barley. They use most of the straw for their steers but sell some. They raise 25 acres of white and yellow sweet corn, 8 acres of celery, 20 acres of field grown tomatoes which go to canneries, 6 acres of staked tomatoes which are picked when they are pink (green wrap) for market and ship some to New York and Philadelphia markets. They also raise 10 acres of vegetable crops which include cauliflower, broccoli, cabbage, radishes, string beans, lima beans, onions, asparagus, strawberries and raspberries. They have an irrigation system for the vegetables. Then to keep their farm and excavating men busy all year they grow 50 acres of tobacco

Funk Brothers finish 700 steers annually. They buy Angus, Hereford and some crosses as feeder cattle as they have room for them and sell on hoof at Lancaster Stock Yards. They also have their own beef for all the family. Their barn holds over 200 steers at a time.

They buy shoats and finish 500 annually. They also sell the hogs at the Stock Yards.

They keep 2000 Leghorn laying hens. They raise 45,000 chicks per year for replacement for Babcock Hatchery, getting them at two days old and keeping them till they are 22 weeks old.

Funks raise 5000 double breasted turkeys, mostly whites and some bronze, a year. Most of them go for the Thanksgiving and Christmas orders. They had one order for 1000 turkeys for Christmas. They deliver all their turkeys, and have a lot of orders for frozen turkeys. They start to dress them about the second week of October using about 15 people, a lot of them members of the family, who dress turkeys one day a week. Then they dress three days each for Thanksgiving and Christmas and put them in their cold storage to sell fresh. They also keep breeder turkeys and have some of their own eggs which they have hatched, raising their turkeys on wire.

Funks attend three Markets. They go to Central Market, Lancaster, at 5 a.m. to set up their stand Tuesdays and Fridays, Columbia Market Fridays and Saturdays and Lebanon Market Fridays and Saturdays. They sell their produce, also eggs at their Columbia and Lebanon market stands. Mary makes out two reports for Central Market and Lebanon Markets and one for the Columbia Market. Some of their produce is sold to local market

(Continued On Page 48)

Mary B. Funk enjoys music and is a church organist.

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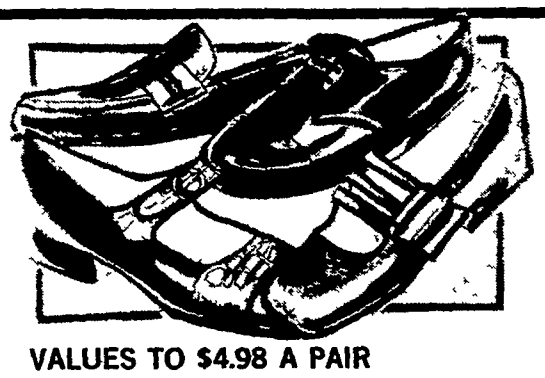

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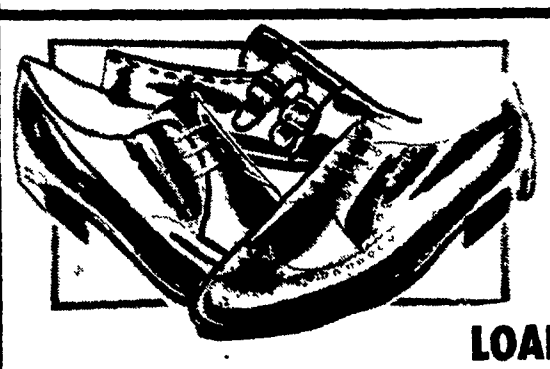

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A Credit to

(Continued From Page 46)

stands. They get the produce ready for market in "The Market House".

The Milton Funks live on Prospect Road in Manor Township and the other families live nearby and in the Central Manor area. Milton's little farm where they live has only two acres but he owns 20 acres nearby. Their Market House where they have their excavating business office and where they prepare their produce for market are at Central Manor as well as the store which they just purchased.

Funks' excavating equipment includes 35 to 40 pieces of heavy construction equipment – front end loaders, bulldozers, back hoes, motor scrapers, compressors, trucks and small equipment. They do excavating all over Lancaster County and some in York County. Their business is strictly excavating, grading and snow removal. They put in streets, sewer lines for developments, dig cellars and ditches and they used to do road work for the state.

Milton and Mary have three children. Mary Louise graduated from Penn Manor High School then accepted a position as a secretary in the Engineering office of Armstrong Cork Co. She is married to Ralph (Bill) Armstrong who is with his dad in Nationwide Insurance Co. They have two sons.

Margaret Ann (Peggy) attended Millersville State College two years and married Scott Flinchbaugh. He works at Bindery Associates on Stony Battery Road. Peggy helps clean turkeys while her mother keeps their children. They have a son and two daughters.

David graduated from Millersville State College and works in the excavating business, as their geologist. He also farms two acres of tobacco at his parent's property. He married Cathy Aspril from Millersville and they live on a Funk farm. They have a son and a daughter.

Milton and Mary are members of Central Manor Church of God where in addition to being one of the church organists, Mary has taught a Sunday School class for 26 years. She teaches three and four year old children but did teach 18 months to three year olds at one time. David is Superintendent of the Sunday School

Mary used to do a lot of freezing when their children were home but still freezes lima beans, corn and asparagus. She cans peaches, pears and cherries.

As far as hobbies go Mary says "My grandchildren are my first hobby, I baby sit, and enjoy music. I like to sew, used to do all the sewing for the girls. I like to crochet." She made a ripple design afghan and is now doing one in a circle pattern. She also crochets doilies, pot holders and hot dish pads. She took piano and organ lessons and has her piano and organ side by side in their living room.

Mrs. Funk gives us some unusual recipes of hers. Funks favorite is smoked sausage pot pie and they always use vinegar with it. Mrs. Funk originated the strawberry shortcake recipe which she says is caky yet old fashioned. Her biscuit pie is a quickie and children like it.

Smoked Sausage Pot Pie

About 15 inch link of smoked sausage, cut in 1½ inch pieces. Cook in about 2 quarts water in 6-quart kettle. Add 3 medium potatoes quartered. Bring to boil. Add pot pie squares, a layer at a time, stirring until pot pie is added, then cover and simmer until the desired tenderness is reached, about 20 minutes.

Pot Pie Dough:

2 cups flour
¾ teaspoon salt
3 eggs beaten

Mix all above ingredients. If not moist enough to roll add enough milk. Roll dough about one-fourth inch thick about 2 hours before it is needed. Cut in squares and add to sausage and potatoes. Makes about six servings.

Strawberry Shortcake

3 cups flour
4 teaspoons baking powder
1 teaspoon salt
2 eggs
¾ cup sugar
1 cup milk
4 tablespoons melted shortening or butter

Sift flour, baking powder and salt. Beat eggs and add sugar and milk. Add egg mixture to dry ingredients. Add melted butter and beat until well blended.

Bake in 2 eight inch greased and floured pans at 375 degrees for 30 minutes.

Biscuit Pie

2 cans soup (vegetable, chicken or turkey)

Biscuit Recipe:

2 cups flour
4 teaspoons baking powder
2 teaspoons salt
3 tablespoons shortening
¾ to 1 cup milk

Put 2 cans soup plus 2 cans water in long baking dish or pan. Drop biscuit dough by tablespoons on top of soup mixture. Bake at 400 degrees for 30 to 40 minutes

Recipe Exchange . . .

At Home On The Range

There used to be a time when the woman of the house did everything by herself. There were no frozen foods, instant soups, cereal or pudding, no ready-made clothing, or milk cartons that you pick up at the local store.

The women made everything by hand, with what materials they had available in or near their home.

Recently there has been a revival of the do-it-yourslef'ers. There are many different craft courses, demonstrations, and kits readily available to anyone who is interested. Indeed, making things in the home is becoming very popular - not so much because of need - but rather desire and the pride of saying "I did it myself".

Cooking is a prime example. I don't know of any one man who would have a greater appetite for a TV dinner over a home cooked meal. In lieu of keeping not only ourselves happy, but the men as well, keep those recipes coming in. Send them to "Recipes" Lancaster Farming, P.O. Box 266, Lititz, Penna. 17543.

Mushroom Salmon Loaf

2 cups salmon, drained and flaked
1½ cups soft bread crumbs
½ cup minced green pepper
a little onion may be added if desired
2 eggs
1 cup mushroom soup

Combine ingredients and mix lightly. Pack firmly into greased loaf pan. Bake at 350 degrees for 1 hour. Can be served with tomato sauce. Served with baked potatoes, tomato sauce and peas this makes a quick meal.

Potato Salad Dressing (boiled)

Yield: 3 cups

3 well beaten eggs
1½ cups sugar plus 2 tablespoons cornstarch
2 tablespoons prepared mustard
1 teaspoon salt
½ cup vinegar

Mix together in pan or top of double boiler. Stir constantly if not in double boiler. Boil until mixture thickens. 3 or 4 tablespoons of commercial salad dressing may be added to give it a nice consistency. Pour over salad while hot.

Cocoa Light Cake

Measure into mixing bowl:

2 cups flour (sifted)
2 cups sugar
¾ cup shortening
1 teaspoon salt
2-3 cup cocoa
1½ teaspoons soda
¾ cup milk

Beat vigorously by hand or with mixer for 2 minutes. Now stir in by itself:

¾ teaspoon double-action baking powder

Add:

½ cup milk
3 eggs
1 teaspoon vanilla

Beat 2 more minutes. Pour into 2 round 9 inch cake pans or 1 long pan that has been greased and floured and bake at 350 degrees for 35 to 40 minutes.

Macaroni With Hamburger

¼ pound marcaroni
1½ quarts boiling water
2 teaspoons salt
¼ cup minced onion
1 green pepper, chopped
1 cup canned tomatoes
½ cup grated cheese
4 teaspoons butter or fat
½ pound hamburger
2 tablespoons flour

Cook macaroni in boiling water until tender. Drain. Melt butter and add onion, green pepper and hamburger. When brown, add flour and tomatoes and cook for 5 minutes.

Add macaroni and grated cheese. Season. Place in a greased casserole and top with buttered bread crumbs. Bake at 375 degrees for 25 minutes. Serves 6.

Lucy Wenger
RD2
Lititz, Pa.

xxx

Soybean Casserole

2 cups dried soybeans
2 quarts water
2 tablespoons minced onion
2 tablespoons green pepper
6 tablespoons flour
2 cups diced celery
¼ cup salt pork
2 teaspoons salt
⅛ teaspoon pepper
2 cups milk

Soak beans overnight in sufficient water to cover. Drain off water in the morning and add two quarts cold water. Cook slowly until soft.

Fry bacon cubes until light brown; add celery, onion, green pepper. Gradually add milk. Stir until thickened. Remove from heat and add soybeans. Pour into casserole and top with soft bread crumbs. Bake at 350 degrees for 35 minutes. Serves six.

Mrs. T. Burkholder
RD., Ephrata

xxx

Apple Nut Bread

½ cup butter or margarine
1 cup sugar
2 eggs, unbeaten
1 teaspoon vanilla
1½ tablespoons dairy sour cream
2 cups sifted flour
1 teaspoon baking powder
1 teaspoon baking soda
½ teaspoon salt
1 cup chopped nuts
1 cup chopped unpeeled apples

Cut butter into sugar; add eggs, one at a time, mixing well after each addition. Blend in

(Continued On Page 49)

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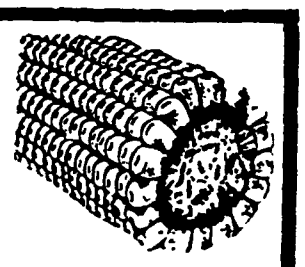

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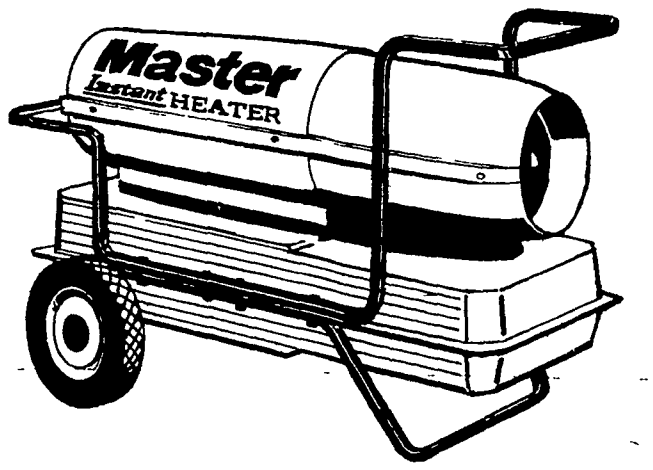

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Recipe Exchange

(Continued From Page 48)

vanilla and sour cream. Sift together dry ingredients; add nuts. Combine with first mixture. Stir in apples. Pour into greased 9 x 5 x 3 pan or two small loaf pans. Bake in slow oven 325 degrees F. about one hour. Makes one large or two small loaves.

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Sloppy Joe Chocolate Cake

2 cups brown sugar
2 cups flour
1 teaspoon baking powder
2 teaspoons soda
¼ teaspoon salt
½ cup cocoa
½ cup salad oil
1 cup strong coffee
2 eggs
1 cup milk
1 teaspoon vanilla

To make coffee - two round teaspoons of coffee in one cup of hot water.

Sift ingredients, add liquids and beat about two minutes with mixer. Bake at 350 degrees.

"The misture is very thin and sloppy, but don't worry about it. May also be used for cupcakes. Good luck."

Mrs. Franklin N. Hoover
New Holland RD1

Coconut Oatmeal Cookies

1¼ cups sifted all-purpose flour
1 teaspoon baking powder
1 teaspoon baking soda
½ teaspoon salt
½ cup granulated sugar
½ cup firmly packed brown sugar
½ cup butter or margarine, melted
1 egg
½ teaspoon vanilla
1 cup oatmeal (quick or uncooked)
1 cup flaked or shredded coconut, or chopped nutmeats

Sift together flour, baking powder, soda and salt into bowl. Add sugars, butter, egg and vanilla. Beat until smooth, about two minutes. Stir in oats and coconut or nutmeats. Shape to form one-inch balls. Place on greased cookie sheets. Bake in preheated moderate oven (350 degrees) 12 to 15 minutes. Makes two dozen. These are delicious.

Anna Mary Breneman
Manheim RD4

xxx

Sticky Buns

1 package dry yeast
¼ cup warm water
1 cup scalded milk
¼ cup shortening
¼ cup sugar
1 teaspoon salt
3½ to 3¾ cups flour
1 egg

Scald milk and pour over sugar and shortening. When lukewarm, add yeast, dissolved in warm water. Add beaten egg. Add flour and salt. Let rise about one and one-half to two hours, till double in bulk. Roll three-eights inch thick. Spread with melted butter, brown sugar and cinnamon. Roll like jelly roll, in one and one-half inch slices.

Syrup

½ cup butter
2 tablespoons syrup
1 cup brown sugar

Add pecans. Heat slowly until mixed. Add rolls and let rise. Bake at 350 degrees.

Ella Mae Sensenig
New Holland, RD2

xxx

Cherry Cheese Tarts

1½ pounds cream cheese
2-3 cup sugar
3 large eggs
1 teaspoon vanilla
Vanilla wafers
Cherry pie filling

1. Mix first four ingredients.
2. Place wafers in small foil cups.
3. Fill with mixture.
4. Bake at 350 degrees for 15 minutes.
5. Place cherry from pie filling on top.

Mrs. Clair Martin
RD3
Myerstown

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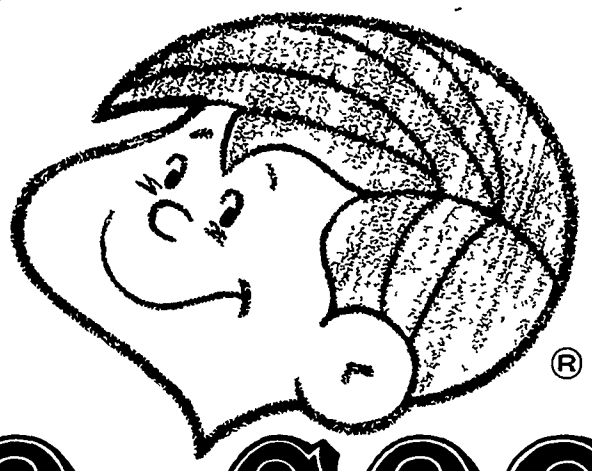

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'No-Cost' Checking is available to such non-profit organizations as churches, service clubs, social service organizations, Boy Scouts and Girl Scouts.

Non-profit organizations who are presently Fulton customers may apply for 'No-Cost' Checking by requesting this service on their organization's letterhead, being sure to include their account number and the Fulton office they deal with. Other non-profit organizations may apply at any Fulton Bank office.

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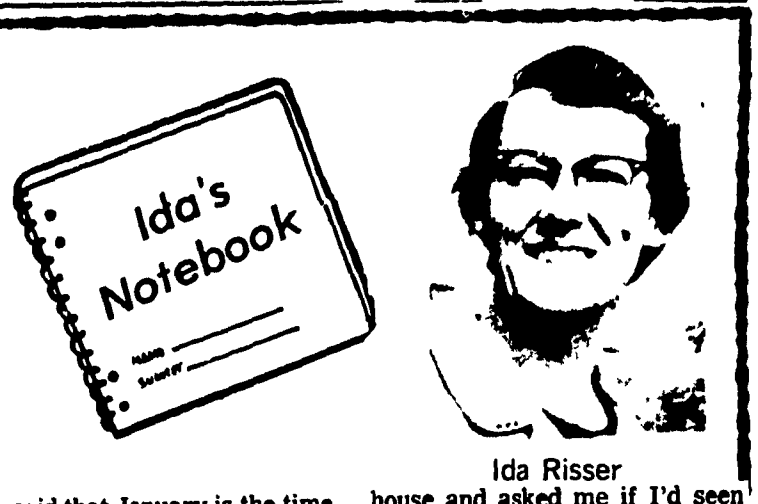

Ida Risser

'Tis said that January is the time to change your habits – if you can. We all have good intentions when we resolve to eat less, smoke less, drink less or whatever. But it seems we gradually sink back into our old ruts.

For years I've cleaned my house on Saturday, because when the six children were younger, the place simply wouldn't stay clean longer than a day. Being a creature of habit, I find myself still vacuuming on Saturday and therefore never free to go away when I want to. It is difficult to change to Friday.

Many times I've found a change of pace is for the better. When I run out of a certain food item and need to substitute, many times the resulting product will be better than the original. If we are short of meat, it is a challenge to cook nutritious meals by using a replacement.

So don't be afraid to consider breaking a habit as long as it is a change that brings improvement.

xx

Last week Allen came to the house and asked me if I'd seen any "calf-nappers" around. It seemed that just three hours after it was born in the barn, it completely disappeared. It was no where in, nor around the barn. Since it was Philip's cow that calved, he and Cindy both joined in the hunt with flashlights.

Several hours later, they discovered it far down in the meadow by the creek. We are not always so lucky.

One Fourth of July a group of youngsters were swimming and chased some heifers off a steep bank and into the water. Then they refused to let them swim out again and one finally tired and drowned. Many days later, it's body caught on the dam downstream and had to be removed.

Cutting Speed Limits?

Florida designates the 23-mile hard sand stretch of coast from Ormond Beach to Ponce de Leon Inlet as a state highway but limits traffic to a 10-mile-an-hour crawl.

Farm Women Calendar

Monday, January 7

Farm Women Society State Convention, January 7 through 8 in Harrisburg.

Tuesday, January 8

Farm Women Society 23 meeting.

Saturday, January 12

Farm Women Society 2 meeting at the home of Mrs. Warren Kline, 109 Fruitville Pike, Manheim.

1:00 p.m. - Farm Women Society 25 leave from Willow Street Community Building to visit Welsh Mountain Clinic, New Holland RD2.

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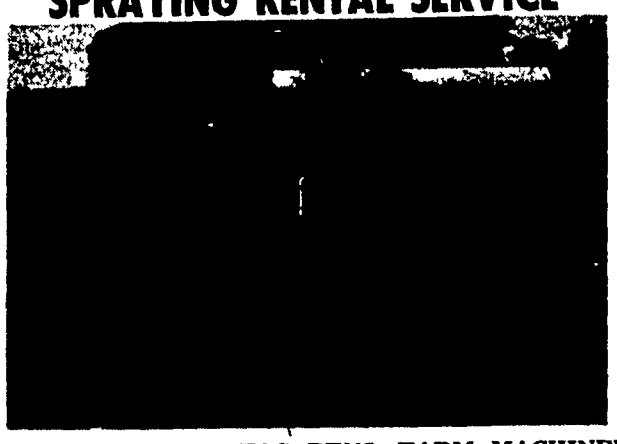

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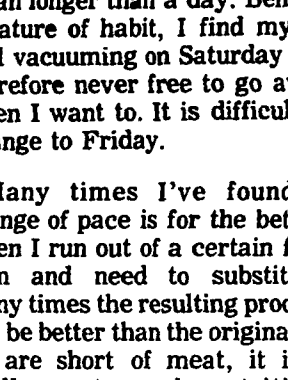

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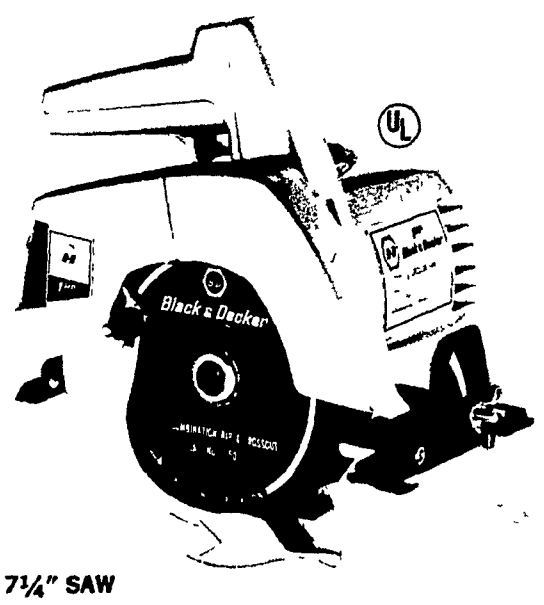

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When sewing at home, there are several things you can do to help eliminate knots and curls in polyester thread.

When taking thread off the spool, let the spool roll in one hand as you draw thread with the other.

Cut, rather than break, the thread on a slant. Thread the end cut from the spool into the needle eye and tie a knot in the other end.

Use the thread in lengths no longer than 18-inches and sew loosely.

Pulling the thread tightly and then releasing it will almost always cause knots.

xxx

Shoe Prices Increase

Although leather makes up only a small part of the cost of shoes, it's the record high leather prices which have increased the cost of footwear.

These higher prices result from strong demand for leather on the world market and a drop in Argentina's hide exports. These factors, combined with a halt in the production of two leather-like synthetics, have caused the higher prices.

The high cost of this raw material results in higher prices all the way down the line of shoemaking. First, at the processors, where hides are brined, trimmed, sorted and graded; then in the the tanneries where special finishes, colors and coatings are applied; at the manufacturers who add tongues, soles, heels and laces; and finally to the stores and you, the consumer.

Farm Women Societies

Society 11

The regular monthly meeting of Farm Women Society 11 was held December 27 in the social rooms of Little Britian Church.

Two guests of Mrs. Herman Shirk were enjoyed. The regular program was carried out by president Mrs. Freida Huber.

Donations by Mrs. Mary Miller and business meeting followed. Roll call was answered by thoughts on "Without——, it wouldn't be Christmas."

A report was given by Mrs. Loren Bucher of the Executive Board meeting for the county. Mrs. Bucher is the in-coming president for Society 11 for the next two years.

Representatives for the Society reported plans for attending the Farm Show in Harrisburg, where they will attend the sessions for Farm Women in the state. They will also attend the delegates banquet which will be held Monday night, January 7.

Sewing for Red Cross is planned for January.

Mrs. Lillian Forbes was Santa Claus and gave out the one dollar gifts, after which all enjoyed refreshments.

On The Phone

Well, once again my daughter was on the phone last night and it must have been something important. The call lasted two ap ples and two colas. I only get to use the phone once a month when I call the phone company to tell them my bill couldn't possibly be that high. But, they are always right.

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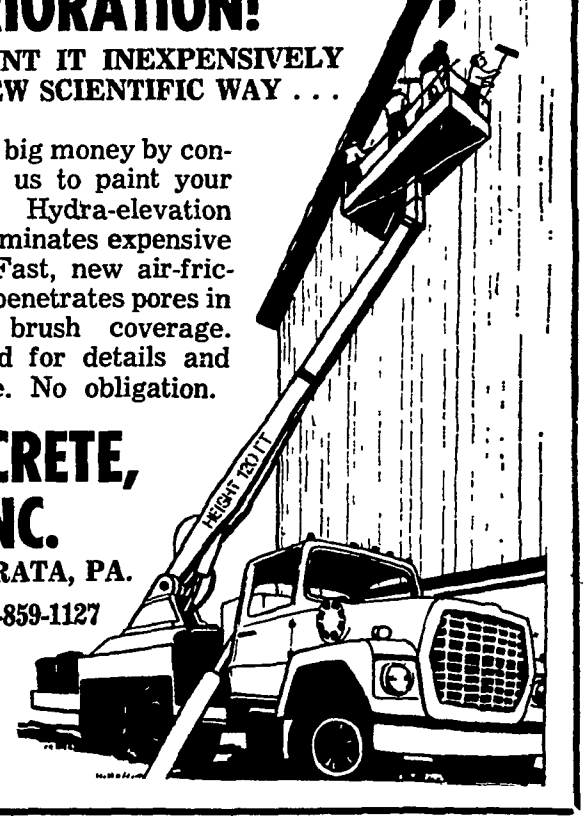

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Doctor in the Kitchen®

by Laurence M. Hursh, M.D.
Consultant, National Dairy Council

THE QUESTION OF NIBBLING

Three meals a day is still the traditional pattern in the United States. But the exceptions to that rule probably reach into every household in the land. We talk three meals a day probably more than we practice the idea.

But is this bad? I am a stickler for the family cohesiveness that can be maintained if all members share breakfast, or dinner. But the three-meals-a-day pattern, per se, need not be treated as sacred.

Scientific Evidence

On the contrary, there is scientific evidence with animals that meal content and spacing may be related to nutritional well-being in people. Compared to animals fed once or twice every 24 hours, animals allowed to have constant access to food in experimental circumstances were found to have less body fat, less lipids in their blood, and increased storage of protein. Some human studies suggest that people may react similarly.

Thus we wonder if people eating more frequently, but with the same amount of total food each day, would not be less obese, have lower cholesterol levels in their blood, and be better off in terms of protein balance.

Particularly, there seems to be less obesity among teenagers who eat more frequently. Obese teenagers, on the other hand, are reported to miss meals more often.

In planning for multiple meals at home, it is suggested that protein, fat, and carbohydrate should be offered in every meal, regardless of the size of the meal. This is sound, in my opinion, because we still know so little about the interaction of nutrients. But we believe that it is important to get nutrients in company with other common nutrients. How we use the components of our food probably is dependent upon our also getting certain other nutrients at the same time.

So every meal should be a miniature of a nutritionally-balanced meal, rather than a fraction of it.

As for timing, nutritionists suggest one-and-one-half to three hours be allowed between meals. It is also suggested that meals should be spread over the entire day, from getting up to bedtime.

How To Structure

On a six-to-eight-meal-a-day regimen, protein foods should be fed at each meal. To avoid monotony, variety would then be needed and meats, poultry, eggs, cheese, milk and cottage cheese are mentioned as interchangeable. In practice, I believe you really would still have probably three meals that would be something like the larger, former three meals a day. That is, several foods, but in small portions, would be served.

It won't be for everyone, this multi-meals a day. But it's food for thought. And in many families, it may already be a reality.

WEIGHT CONTROL TABLES

I am probably taxing to the limit the good will of many readers by talking this week about weight control. Right in the midst of the holidays??

But overweight in America is a serious matter and certainly one to which everyone at least gives lip service if not their conscientious attention.

Are you overweight? Is there someone in your family who is? It doesn't pay to exaggerate the facts. Some of us are of small frame, medium or large — and it makes a difference. That's why you must take frame size into account along with height.

Here's A Table

To help you do this the American Medical Association offers a table. From it you will know whether you are truly overweight or not. If you are more than 10 pounds overweight you ought to see your physician before starting a reducing program. But if not, you should be able to eliminate up to ten pounds by just eating less, but still maintaining a nutritionally balanced diet.

Here's the table for you to compare your weight:

Height (in shoes)	Weight (lbs.) Men	Women
Small Frame		
4'10"		95
5'0"		100
5'2"	116	106
5'4"	122	112
5'6"	128	119
5'8"	136	127
5'10"	145	135
6'0"	153	143
6'2"	161	
Medium Frame		
4'10"		101
5'0"		107
5'2"	123	113
5'4"	129	119
5'6"	136	127
5'8"	145	135
5'10"	153	143
6'0"	162	151
6'2"	171	
Large Frame		
4'10"		111
5'0"		117
5'2"	133	123
5'4"	140	129
5'6"	147	137
5'8"	156	146
5'10"	165	154
6'0"	174	163
6'2"	183	

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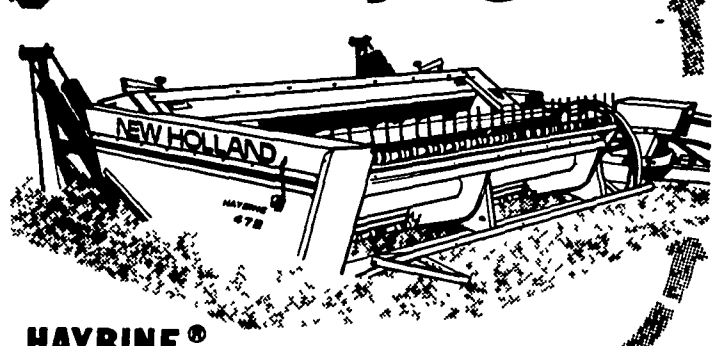

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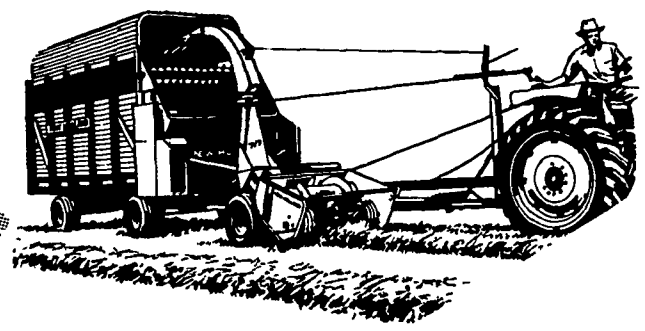

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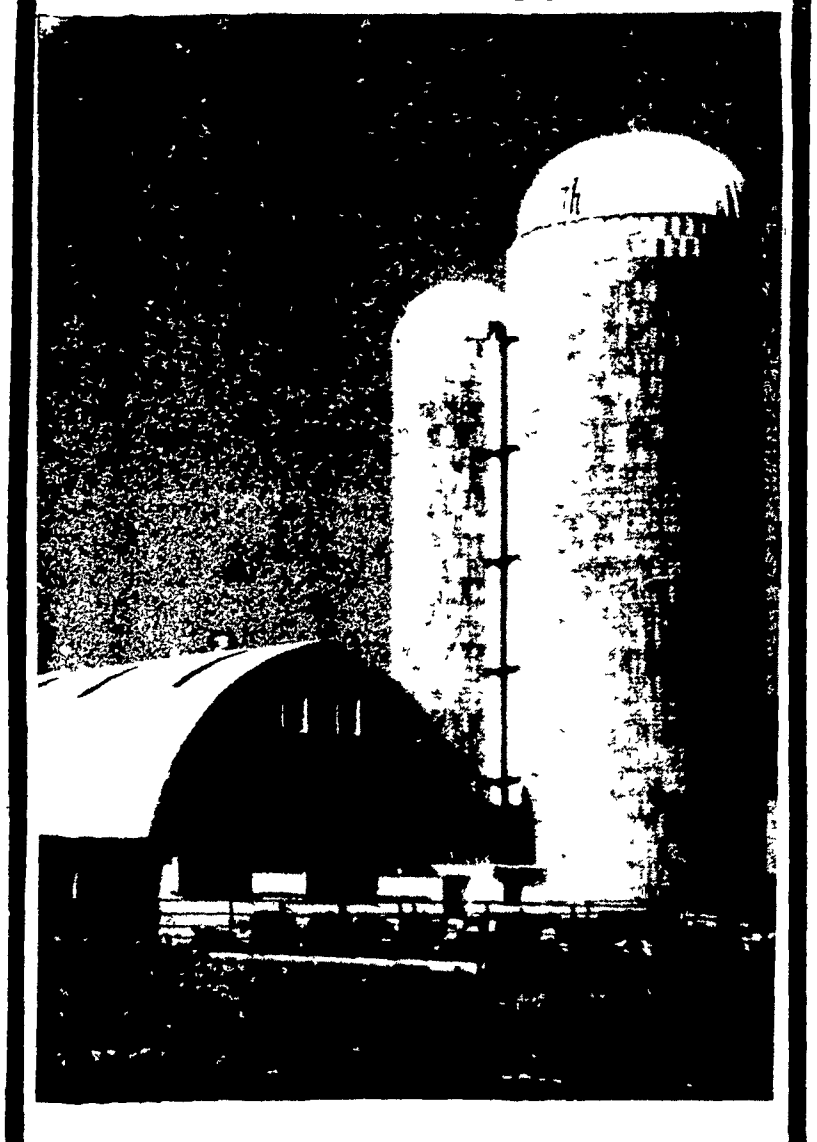

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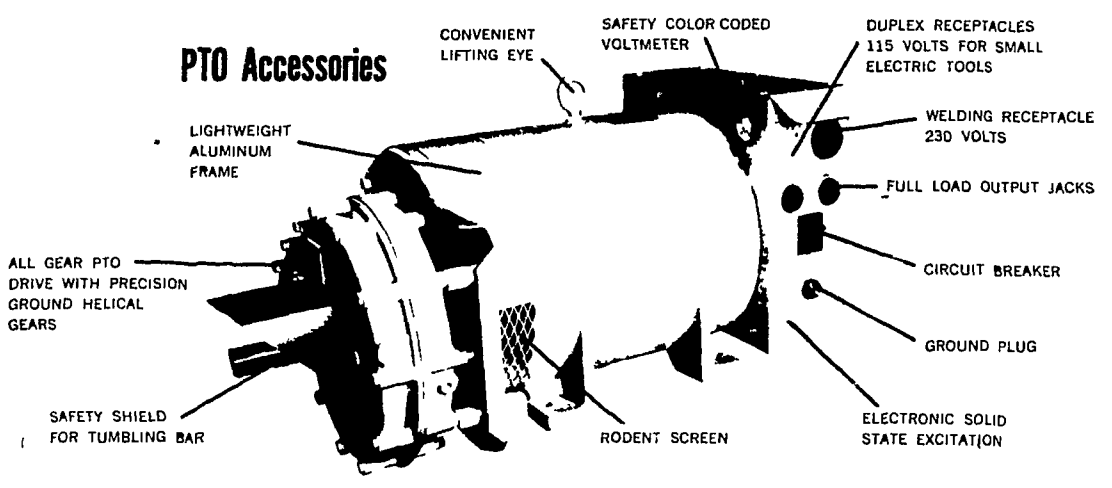
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Vocational Agriculture and Homemaking Program

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Future Farmers of America agricultural exhibits, Department of Education Booth, Upper Concourse, Large Arena.

Future Homemakers of America Homemaking demonstrations held in the Department of Education Booth, Upper Concourse, Large Arena.

Vocational and Junior Livestock Judging Schedules,

Monday, January 7

8:00-5:30—Vocational Demonstration Contests

8:30—Future Farmers of America Executive Council Meeting, Room A, Nationwide Inn.

9:30-5:00—Future Homemakers of America homemaking demonstrations.

1:00—Future Homemakers of America Executive Council Meeting, Room 103, Executive House.

1:30—Future Farmers of America Executive Council reconvenes.

Tuesday, January 8

8:00-5 30—Vocational Demonstration Contests

8 30—Future Farmers of America Executive Council Meeting, Room 200, Education Building.

9 00—Future Homemakers of America Executive Council Meeting, Room A, Nationwide Inn.

9.30-5 00—Future Homemakers of America homemaking demonstrations.

1 00—Future Homemakers of America Executive Council reconvenes.

1.30—Future Farmers of America Executive Council reconvenes

6.15—Future Farmers of America Band Concert—Large Arena.

Wednesday, January 9

8:00-5 30—Vocational Demonstration Contests

8-30—Future Farmers of America Executive Council reconvenes

9 30-5 00—Future Homemakers of America homemaking demonstrations

9 30—Future Homemakers of America Annual Winter Meeting, The Forum, Education Building

12 30—Future Farmers of America Awards Convention, The Forum, Education Building

Thursday, January 10

8:00-11·30—Vocational Demonstration Contests.

9:30-5:00—Future Homemakers of America homemaking demonstrations.

4:30—FFA Tractor Driving Contest—Large Arena.

Friday, January 11

9 30-1 00—Future Homemakers of America homemaking demonstrations

4-H CLUB PROGRAM

4-H Club Headquarters, Room 107, Lower Concourse, West Side, Large Arena Building

4-H LIVESTOCK SCHEDULE
Monday through Friday
Judging, Sales and Contests

Thursday, January 10

9:00-12 00—Potato Grading and Identification Contest, Room F, Main Show Building

4 30—4-H Tractor Driving Contest—Large Arena.

8 00 p m —Light Horse and Pony Demonstration—Large Arena

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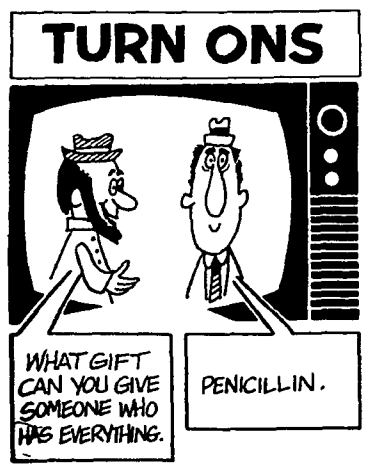

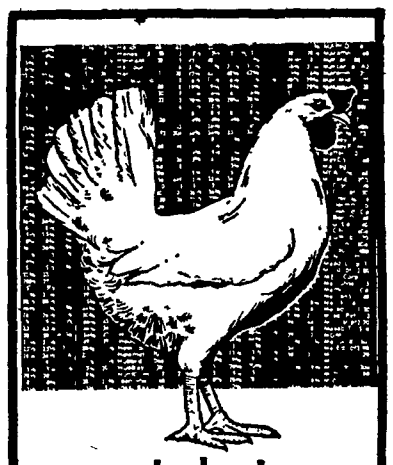

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ED ESHLEMAN'S WASHINGTON REPORT

Energy is on everyone's mind these days. Of particular concern is the oil shortage.

One of the easiest places to put blame for the situation we are facing is on the collective shoulders of Congress And, in all honesty, part of the blame must fall on the 535 Representatives and Senators

But I thought in this column I would give you an illustration of what Congress is doing to meet the crisis head-on Sometimes this kind of thing goes unnoticed, and yet does show that there is a willingness on Capitol Hill to do everything in our power to make as much oil available as possible.

The Armed Forces have supplies of oil available in a place called the Elk Hills Oil Reserve in California. This is petroleum held back for use in defense emergency situations It is not only a supply that we know exists, but it is there right near the surface ready to be tapped.

Just before the Christmas recess, the House took action to see that the Elk Hills Reserve would be used to help us meet our current energy problems

We had before us something known as a Supplemental Appropriations bill, which is simply an appropriation to cover expenses that were not foreseen when the original appropriations were passed. What we did was refuse to pass that bull until it contained a section requiring the Armed Forces to use oil from their Elk Hills supply.

This action was taken by sending the legislation back to the Conference Committee with instructions to write in such a provision

The idea was not to have any civilian use made of the Elk Hills Reserve. Rather, the reasoning went that if the military used its own petroleum reservoir, it would lower the amount the Pentagon is purchasing out of the civilian oil supply The effect of this action would be felt all over the country including here on the East Coast

It was our opinion in the House that the oil supply for defense purposes would not be depleted to dangerous levels by tapping the Elk Hills reservoir We realized that adequate petroleum nust be available for the military should a world crisis develop.

But it was our additional opinion that when everyone is being asked to make sacrifices, the Pentagon should be required to dip into its reserves to meet its own needs.

Obviously, since I had previously co-sponsored legislation to tap Elk Hills for defese purposes, I voted to send the bill back to the conference to add this new proposal. I don't think that in so voting there was any chance of our defenses being seriously crippled or jeopardized. The vote was simply to assure that all segments of our society share in coming to grips with the energy problem – the military being no exception.

The hope is that this effort, combined with many others, including those being made by millions of Americans, will permit us to get through this winter with about 90 percent of the oil and gasoline we used last winter.

Farmers Urged to Watch Conservation On New Cropland

For the first time in many years farmers are free to produce as much as they can to satisfy the demand for food, according to State Conservationist Benny Martin of the Soil Conservation Service.

Martin said that in Pennsylvania about a quarter million additional acres will come into agriculture production in 1974, and farmers are expected to use present cropland more intensively to increase yields.

The State Conservationist asked farmers to use soil conservation practices on cropland that is being brought back into production. These practices, Martin said, will not only reduce soil erosion, but will increase production.

According to Martin, the Soil Conservation Service is giving "first priority" to helping farmers plan and install conservation measures. Soil Conservation Service technical help is available at all county offices on a first come, first serve basis, Martin added.

Farmers who plan to increase crop production should check their conservation plans to see which soils can be used more intensively. Some land, Martin said, can be used intensively without damage to the soil, if it is protected with conservation measures such as strip cropping and terraces.

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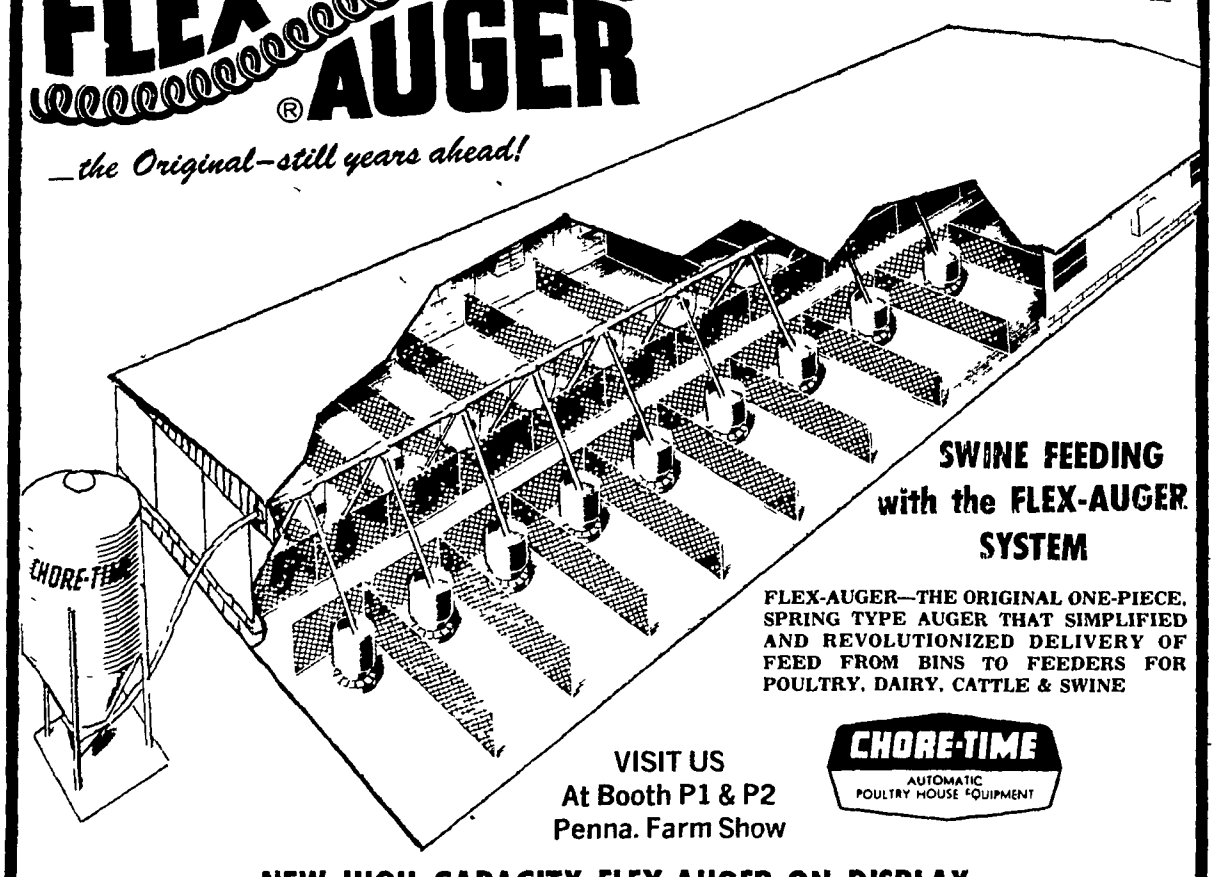

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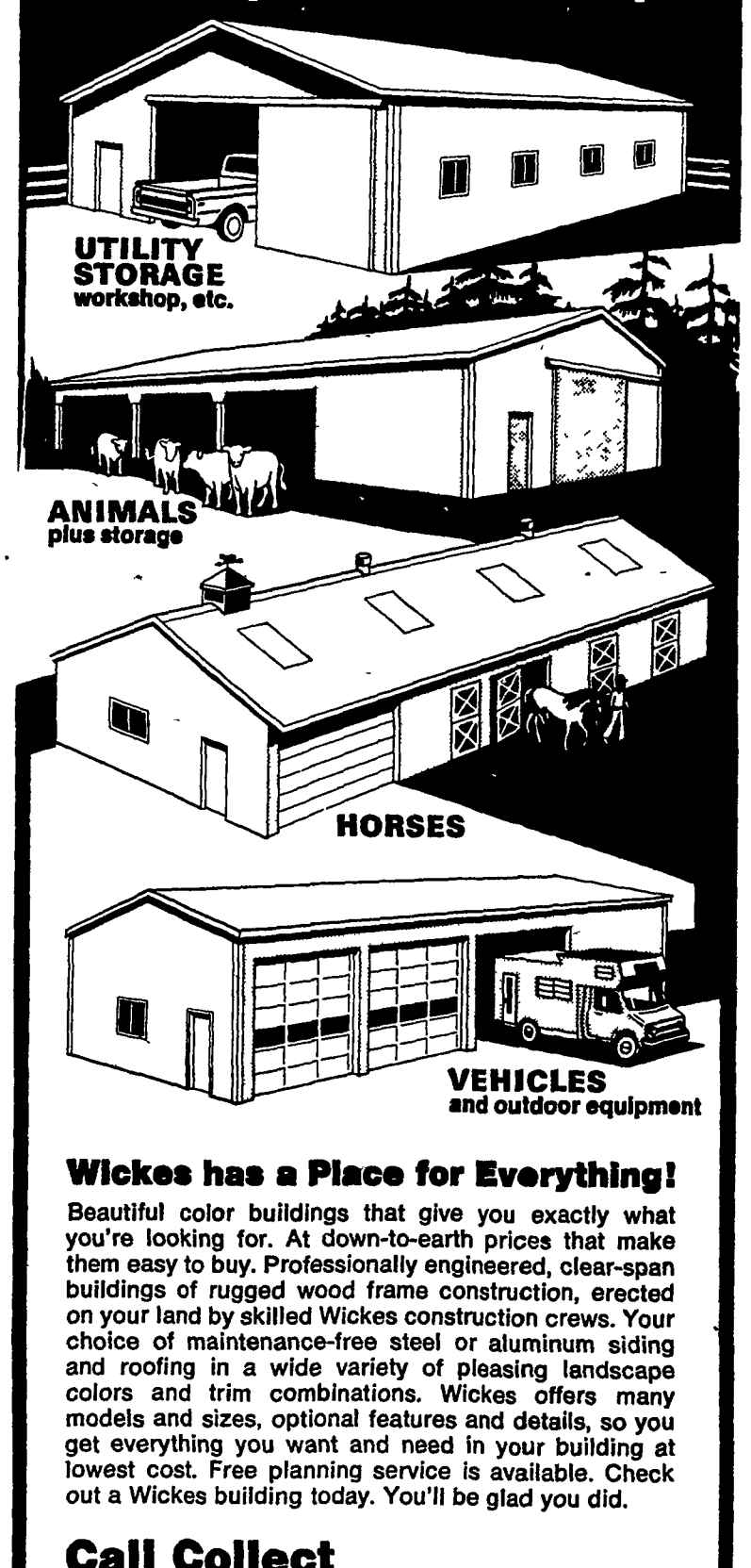

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Eye Care Is Important During Winter Months

With the indoor season here, good general eye health care is more a matter of concern than it has been for several months, according to the president of the Vision Conservation Institute.

Noting that both adults and children will be spending more time indoors - thus doing more reading and watching more television - Dr. Richard Feldstein, president of the VCI, cautioned that eye health care "is an absolute must."

"Good general health is even more important to the eyes of a child than to those of an adult," he said. "but the adult must remember that the child learns best by example."

He noted that children generally tend to rebel against any rules of behavior that apply only to them and not to the others around them, especially their parents and siblings.

"Thus," Dr. Feldstein pointed out, "parents should show their children by example good eye health care habits."

Dr. Feldstein says the onslaught of winter gives parents many opportunities to teach children good eye health habits

The indoors season also shows an upswing in the amount of television people watch, Dr. Feldstein noted, adding that "it might be well to follow a few simple rules for avoiding possible eye strain."

He suggests that the station be tuned sharply so that the picture is as clear as possible, has a minimum of flicker and does not have excessive contrast, and that a soft light be on elsewhere in the room.

Dr. Feldstein especially warned parents to make certain that children watch television from as near as possible to eye level. He cautioned that children should not lie on the floor to watch their favorite programs since this position causes neck and eye muscle strain, resulting in fatigue and headache.

Farm Planning

Since this article will be appearing in one of the first issues of this publication in 1974, we would like to take this opportunity to wish all of our readers a very Prosperous and Happy New Year. The outlook includes many uncertainties with high living costs for everyone and higher production costs for the commercial farmer. Good farm planning might be in order at this time to determine which enterprize should be expanded or reduced. Farm records are very important in making these decisions and we urge farmers to evaluate their farm accounts before making major decisions for 1974. Most farm products will be in strong demand and the food, feed, and fiber situations call for maximum production on every farm. Land is becoming more of a premium each year; therefore, greater output per acre should be the objective.

Milk Order Realignment to be Considered by USDA

Dairymen in Maryland, New Jersey, New York, and Pennsylvania are advised that the U. S. Department of Agriculture will hold a public hearing in Allentown, Pa., Wednesday, Jan. 23 to consider requests from dairy cooperatives to redraw the geographic boundaries of the Middle Atlantic and New York-New Jersey federal milk marketing orders.

The agency's Agricultural Marketing Service said that the hearing will be held at the Holiday Inn West at 9:30 a.m. If it is not completed within the week, it will be reconvened at the Downingtown Inn, at the junction of U. S. Route 30 and Pennsylvania Route 100, Monday, Jan. 28 at 10 a.m.

Requests to realign the two order areas were received from five dairy groups.

Pennmarva, a federation of three cooperatives, asked that the remaining southeastern Pennsylvania counties as well as Washington County, Md. be added to the Middle Atlantic order.

The Lehigh Valley Farmers Cooperative requested that 17 northeastern Pennsylvania counties be included. The two proposals put together would extend the order's marketing area to cover the entire eastern half of the state.

Dairylea and Northeast Dairy Cooperative Federation, Inc. suggested that 20 counties in the northeastern part of the state be included in the New York-New Jersey market, whereas a proposal from a Tuscan Dairy Farms handler would transfer northern New Jersey from the New York-New Jersey market to the Middle Atlantic.

Other proposals include revising pooling provisions, varying price increases based on milk uses, and amending base plan provisions.

Dairymen will have an opportunity to approve or disapprove any recommendations USDA may make after it evaluates evidence presented at the hearing.

Details of the proposals appeared in the Dec. 21 Federal Register

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Milk Increase Sought

Dairy farmers in 13 northcentral Pennsylvania counties asked Friday that the minimum prices paid them by milk dealers be increased 29 per cent, more than 5 cents a quart.

The request was made to the Milk Marketing Board in testimony by the Pennsylvania Farmers Association. The PFA said dairy farm expenses have climbed 12 per cent in the past year and are expected to increase another 10 per cent by next summer.

The figures were based on data from 266 dairy farms in the 18-county region.

Now at $8.15

The state-mandated minimum price for the area is now set at $8.15 for each 100 pounds of drinking milk sold by a farmer to a dealer. A hundredweight equals some 46 quarts, so the farmer's minimum price per quart is between 17 and 18 cents.

Most farmers are receiving more than the minimum for their milk, but few if any receive as much as 20 cents a quart.

The PFA said the minimum hundredweight price should be raised to $10.53, or about 23 cents a quart.

If the increase were granted by the Milk Board, which expects to reach a decision in February, dealers probably would pass any boost in their actual costs on to the consumer.

13 Counties

The milk marketing area includes Bradford, Carbon, Clinton, Columbia, Lycoming, Montour, Northumberland, Potter, Schuylkill, Snyder, Sullivan, Tioga and Union counties.

On Thursday, the PFA asked for a 26 per cent increase, to $10.56 per hundredweight, in minimum drinking milk prices to farmers in Berks, Bucks, Lehigh, Monroe and Northampton counties.

"If you want to follow in your father's footsteps, don't wear loafers."

Readinger Calls for Fuel Crisis Answers

A. Wayne Readinger, master of the Pennsylvania State Grange, has called on government and industry leaders to end confusion over the energy crisis and "lay the facts on the line for the public."

Most Americans are trying to do their part in conserving fuel, Readinger said, but conflicting reports and rumors are causing many to grow skeptical.

"People want to know the facts," the Grange master declared. "They want to know exactly how serious the situation is, and precisely what must be done to meet the emergency. And they want clear cut priorities based on common sense and logic."

Priorities must be established, he said, on the determination of what we must have, what we would like to have, and what we can do without.

"Top priority," he declared, "must be given to providing the necessities of life and maintaining the health of Americans. Selfish motives of groups or individuals must not be allowed to interfere with the common good of all people.

"The decision must be based on a simple rule: Is it necessary, or is it nice?"

Food, he pointed out, is a basic necessity of life. Any restrictions that limit the production of food, Readinger warned, will intensify real and potential food shortages facing this nation today. This is particularly true of milk and meat, he said.

Milk production in the United States in the first ten months of this year, he pointed out, is one billion, 337 million quarts less than the amount produced in the first ten months of 1972.

"This means," he said, "that Americans will have to get along this year with about seven quarts less milk per person than they had in 1972."

The meat situation is just as serious, according to the Grange master. "As a matter of fact," he declared, "in no year since 1957 has the United States produced enough red meat – beef, pork, veal, and lamb and mutton – to satisfy domestic demand."

Today American farmers are being asked to plow and plant more acres to step up food production in 1974, Readinger said. If they are to answer this call, they must be assured adequate supplies of fuel, fertilizer, chemicals, machinery, and other production supplies.

"But the increased cost of fuel, fertilizer and other supplies -- plus the increased cost of transportation and processing -- undoubtedly will mean higher food prices at retail stores. It is not pleasant to think about, but the alternative is even worse.

"If American food production is allowed to suffer as a result of indecision or poor judgment, the consequences will be felt for a long time after the present energy crisis is resolved."

Adviceon Ponds Now Available

Pomds, and how to build, maintain and use them, are the subject of a new publication of the U. S. Department of Agriculture.

The 14-page illustrated booklet, "Building a Pond," was written by the Soil Conservation Service in response to growing public interest in the subject.

The publication gives advice on selecting a site, building an embankment or excavated pond, the requirements for satisfactory pond spillways, sealing leaky ponds, and maintaining completed ponds. The various uses of ponds for livestock, fire protection, fishing, recreation, irrigation, and wildlife habitat are also discussed. Photographs, maps and diagrams help to illustrate some of the concepts.

Single copies of "Building a Pond," FB 2256, are available from the Office of Communication, U. S. Department of Agriculture, Washington, D. C. Additional copies are available from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402, at 25 cents a copy.

The CONKLIN GARDEN SPOT ASSOCIATION

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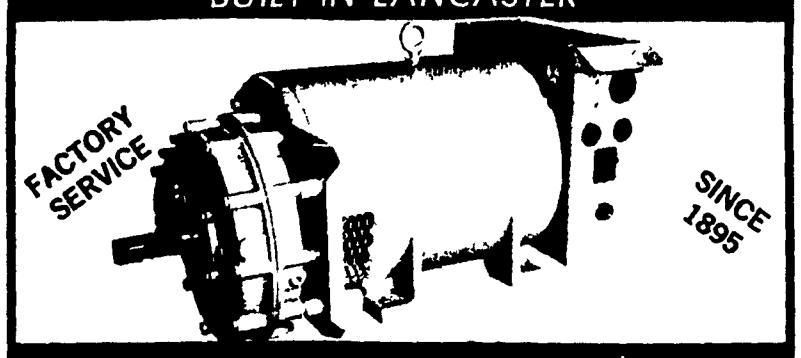

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Washington Report

By U.S. Senator Dick Schweiker

Pennsylvania and Energy Crisis

The energy crisis is affecting every Pennsylvanian. Short-run measures, such as year-round daylight saving time, lower speed limits, and equitable fuel and gas allocation, hopefully can help get us through the winter.

But we must press forward with comprehensive measures to develop sufficient future energy capability, and to insure we never again fall victim to energy blackmail from abroad.

Pennsylvania, with enormous coal resources, is in a critical position to help our nation's energy problems. I have introduced amendments for increased research funds for development of coal gasification and liquefaction, and also to include clean-burning anthracite coal as a major target for energy development in the United States

I am currently involved in two efforts to solve our short-range and long-range energy problems. The first, Senate Resolution 210, is my proposal to cut-off subsidized United States trade credits to the Soviet Union until the Arab oil embargo against the United States is lifted.

The Soviets could end the Arab oil embargo tomorrow, if they wanted to. I think we should make them want to. I'm for true detente, but detente is a farce as long as the Soviet Union does nothing about the irresponsible policies of its Arab allies against the United States.

To help meet our long-range energy needs, I support efforts to make the United States "energy self-sufficient" by the early 1980's. By blackmailing us with their cutback of oil exports, the Arab nations have forced us to do what we should have done a long time ago — develop a comprehensive and aggressive plan for research and development of our domestic sources of energy—fossil, nuclear, solar, and geothermal.

One bill I have cosponsored in this area, S. 1283, the "National Energy Research and Development Policy Act of 1973," in addition to focusing on such forms of energy as shale oil and geothermal sources, places heavy emphasis on the conversion of coal into pipeline gas and fuel oil, two processes I have been suggesting for a long time as potential solutions to the energy crisis. The recently signed Interior Appropriations bill included my amendment to double funding for the Office of Coal Research

The Senate also accepted my amendment to the energy research and development bill to insure adequate funding of both anthracite and bituminous coal research. Traditionally bituminous coal has received the lion's share of federal research dollars, and I wanted to make certain that we fully develop our northeastern Pennsylvania anthracite reserves as well.

S. 1283 passed the Senate December 7. It is the kind of long-range energy planning we should have been doing from the start. I have every hope that it will herald the start of a comprehensive energy policy which will carry this nation into the 21st Century.

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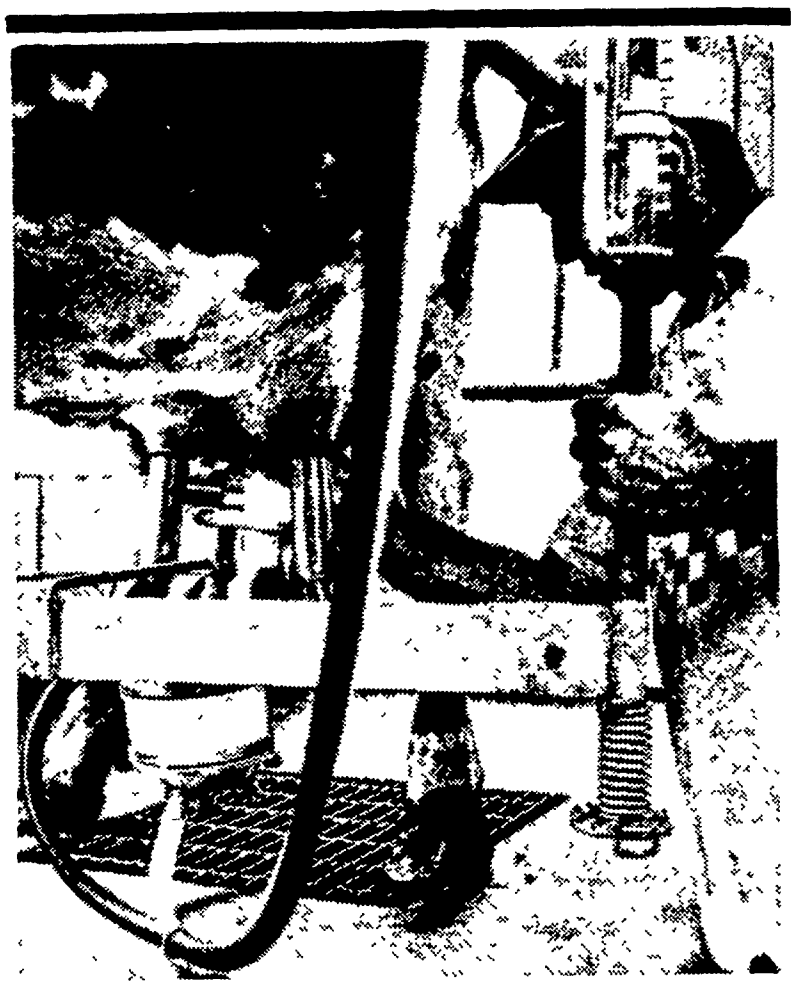

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Rocky-Side Beauty, 6-2, 23,030 pounds butterfat, 3.9 percent test, in 305 days milked.

Rocky-Side Sissy, 10-10, 21,980 pounds milk, 860 pounds butterfat, 3.9 percent test, in 305 days milked.

Rocky-Side Bellringer Trixie, 5-2, 21,690 pounds milk, 805 pounds butterfat, 3.7 percent test, in 305 days milked.

Rocky-Side Flashy Fern, 4-1, 17,860 pounds milk, 728 pounds butterfat, 4.1 percent test, in 338 days milked.

Rocky-Side Linda, 7, 16,710 pounds milk, 685 pounds butterfat, 4.1 percent test, in 305 days milked.

9th Dairy Conference Is Planned

The 9th Annual Southeastern Dairy Conference has been announced by the co-sponsors for Tuesday, Feb. 5, 1974, beginning at 9:30 a.m. All are invited to the Guernsey Sales Barn, located on U. S. Route 30 East of Lancaster, Pa. for this increasingly popular event. It will be co-sponsored by Allis-Chalmers Farm Machinery, Inc.; Curtiss Breeding Service; John W. Eshelman & Sons; New Holland Supply Co.; and Pennsylvania Power & Light Co.

In the past, dairymen from more than six counties have gathered at this important function to hear timely speakers from all phases of the dairy business and dairy industry.

An informative program is being planned with popular speakers.

Door prizes will be awarded and lunch will be served.

TRY A CLASSIFIED

Public Sales Register

SAT. JAN 5 - 9:30 A.M. Public Sale of Farm Equipment and Household Goods located 1½ miles northwest of Schaefferstown, along Rt. 897, on the Schaefferstown Road, Lebanon County, Pa. Sale by Warren R. Gibble; C. H. Wolgemuth, Auctioneer.

SAT. JAN. 5 - Feeder Pig Sale located 2½ miles South of Bethel from US 22 and 6 miles North of Myerstown, Pa. along US 501. Sale at 1:30 P.M. by Norman M. Martin, RD1, Myerstown, Pa.

SAT. JAN. 5 - 11:30 A.M. Public Auction of High Grade Holstein Dairy Cattle, Farm Equipment, Some Household Goods located between Ephrata and Lititz, just outside of Rothsville, along Newport Road, take Newport Road west from Rothsville, first farm on right, Warwick Township, Lancaster County, Pa. Sale by Edwin M. Hoover, Lititz RD4; John E. and Paul E. Martin, Auctioneers.

SAT. JAN 5 9:30 A.M. - Chas. Frank Dispersal at Belmont, N.Y., 15 miles from Genesee, Pa. Another sale by Rumseys' of Bath, N.Y.

WED. JAN 9 - 11:30 A.M. - Yorkshire Show & Sale sponsored by Penna. Yorkshire Co-Op Assn., Inc. at the 1974 Penna. Farm Show. Show Monday, January 7-1:30 P.M.

"When it's all said and done, the only person easy to deceive is yourself."

THURS. JAN. 10 - 10:30 A.M. Alvin Martin Complete Dispersal to be held at the Black & White Sale barn just west of Lancaster, Pa., off Rte. 283. Exit Rte. 283 at Flory's Mill (McGovernville Rd), to dead end, turn left, next right by Flory's Mill, under bridge to barns of Charles Myers. Sale by Alvin Z. Martin, owner, Dillsburg, Pa. Sale arranged by Charles C. Myers; R. Austin Backus, Inc., Auctioneers, Mexico, N. Y.

SAT. JAN. 12 - 10 A.M. Public Sale of dairy cows, Farm Equipment, New Hardware, Household Goods and Antiques located North of Fairmont Rest Home, along Good's Drive near Fiandas Mill, between Hinkletown and Farmersville, Lancaster County Pa. Sale by Daniel Z. Zimmerman; T. Glenn Horst and Paul Horst, Auctioneers.

SAT. JAN. 12 - 1:30 P.M. Public Sale of Feeder Pigs located 1 mile South of Richland. Sale by Paul M. Zimmerman; John E. and Paul E. Martin, Auctioneers.

SAT. JAN. 12 - 12 Noon Public Sale of Trucks and Feed Mill Products located along Rte. 23 at East End of Morgantown, Pa. Terms by Ira Nissley, Inc.; Elton Horning, Auctioneer.

SAT. JAN. 12 - 1:30 P.M. Public Sale of 200-250 Feeder Pigs located 1 mile south of Richland, 3 miles south of Myerstown on Rt. 501, turn east at County House Restaurant, follow sale signs. Terms by Paul M. Zimmerman, Myerstown RD2; John E. and Paul E. Martin, Auctioneers.

SAT. JAN 12 - 11 o'clock A.M. Public Sale of Real Estate and Personal Property located along Route 896, 1 mile North of Georgetown, 5 miles South of Strasburg, Bart Twp., Lancaster County, Pa. Sale by Maurice S. Welk; Kersey A. Bradley, Auctioneer.

WED. JAN. 16 - 9:30 A.M. Consignment Sale located ½ mile north of Route 23 on North Maple Ave. in Leola, Lancaster Co., Pa. Sale by David H. Good, F. Snyder, R. Martin and C. H. Wolgemuth, Auctioneers.

FRI. JAN. 18 - 9 o'clock (Blizzard Date Fri. Jan. 25) Erway's Complete Dispersal located at Coudersport, Pa., Potter Co. on Route 6. Eugene and Dana Erway, Owners; Carl Diller and Everett Kreider, Auctioneers; Rockwell's Livestock, Sale Mgrs., D.O. Rockwell, Prop., Troy, Pa.

FRI. JAN. 18 - 11 A.M. Public Sale of 100 Draft Horses and Mules at the Lebanon Valley Livestock Market Sales Barn, 28 miles east of Harrisburg, Pa. 4 miles east of Jonestown, Pa. on U.S. Highway 22. Turn off Interstate 78 at Fredericksburg, exit 1. Sale by Paul S. Waltermyer, RD1, Jonestown, Pa. 17038; Wilbur Hosler, Auctioneer.

(Continued On Page 59)

PUBLIC SALE

200 - 250 FEEDER PIGS

SATURDAY, JAN. 12, 1974 AT 1:30 P.M.

Located 1 mile south of Richland; 3 miles south of Myerstown on 501, turn east at Country House Restaurant, follow sale signs.

40-80 POUND CHOICE FEEDER PIGS

HAMPSHIRE-YORK-DUROC CROSS

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Casterated young, wormed, sprayed for mange and lice. All pigs were raised on this farm. No outside pigs will be sold on this sale.

Sale at 1:30 P.M. Terms By

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SHOW - Monday, January 7, 1974, 1:30 P.M. EST
SALE - January 9th, 1974 11:30 A.M. EST

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PUBLIC SALE

REAL ESTATE & PERSONAL PROPERTY

SATURDAY, JAN. 12, 1974

11 o'clock A.M.

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Real Estate consists of all certain tract of land containing 3 acres and 15 perches more or less erected thereon 2½ story frame dwelling covered with aluminum siding containing 6 rooms and bath and laundry; oil hot water heat, well water, electric and other conveniences. Also erected thereon large garage with stabling room for livestock. Real Estate may be inspected Sat. Dec. 29th and Sat. Jan. 5th between 1-4 p.m. Real Estate will be offered for sale at 2 P.M.

Personal property includes - 1 Registered Jersey cow, 2 ewes, 1 Buck sheep, 15 Leghorn Hens (1st yr. laying), St. Bernard Dog, Farm Equipment, butchering equipment, carpenter tools, other tools, household furnishings including half spindle settee and many other articles.

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WM W McCOY
T G KREIDER
EDW L BROWN
S L HEILBRON & SONS

Public Sales Register

(Continued From Page 58)

SAT. JAN. 19 - 1:30 P.M. Public Sale of Approx. 400 Feeder Pigs located 3 miles N.E. of Bethel, off Route 22, behind Trainer's Midway Diner. Terms by Adam Martin; George E. Stone, Jr. and John D. Kilmer, Auctioneers.

SAT. JAN. 19 - 10 A.M. Public Sale of Valuable 24 Acre Farm located 4 miles West of Manheim, 1 mile West of East Fairview Brethren Church. Take Hosler Road to Valley Rd., first farm on Valley Rd., Rapho Twp., Lancaster Co., Pa. Sale by Jacob Dupler Estate, Leroy Dupler, Executor; C. H. Wolgemuth, Auctioneer.

WED. JAN. 23 - Paul Z. Martin's Farm Equipment Sale located 2 miles East of Intercourse, Pa. along Route 340

FRI. JAN. 25 - 1 P.M. Public Sale of 240 Head Hogs and Pigs on the premises located one mile North of Leola, Penna., on Route 772. Terms by David A. Martin; Frank L. Steller and Robert E. Martin, Auctioneers.

MON. & TUES. JAN. 28-29 10 A.M. Two Day Public Sale of Farm Machinery and Construction Equipment located So. Race St., Myerstown, Pa. Sale by Wenger's Farm Machinery, Inc.

FRI. FEB. 1 - Sale 10 A.M. Dairy Cows 12:30 P.M. Clean Sweep Public Sale, Moving to Missouri, located 8 miles east of Honey Brook, 2 miles north of Route 322, 5 miles south of Elverson, just east of Route 82 from the Pump House Antique Shop. Wallace Twp., Chester Co., Penna. Sale by Henry O. Martin, Owner; Abe Diffenbach, Auctioneer.

FRI. FEB. 15 - 9:30 A.M. Public Sale of Horses, mules, dairy cows and heifers, full line of horse-drawn farm equipment located midway between Greentree and Quarryville, 1 mile south of Route 372 along Hallow Road on farmer King farm. Sale by Christ S. Miller; Abe Diffenbach, Auctioneer.

SAT. FEB. 16 - Public Sale of Farm Implements, Dairy Equipment and Livestock located ¼ mile south of Terre Hill behind Terri Hill Silo Co. off Rte. 897 in East Earl Twp., Lancaster County, Pa. Sale by Ben Zimmerman; Leroy S and Paul W. Horst, Auctioneers.

SAT. FEB. 16 - 11:30 A.M. Public Sale of Good Farm Machinery located along U.S. Route 1, 2 mile southwest of Rising Sun. Maryland. 8 mile south of Oxford, Pa. 6 mile east of Conowingo Dam. Terms by George T. MacDonald, J. Everett Kreider and Carl Diller, Auctioneers.

WED. FEB. 20 - Paul Z. Martin's Farm Equipment Sale located 2 miles East of Intercourse, Pa. along Route 340.

WED. FEB. 20 - Public Sale of Registered and Hi-Grade Holstein Dairy Cows and Farm Equipment located between Myerstown and Rehrersburg, Pa. Terms by Abner W. Oberholtzer. John E. and Paul E. Martin, Auctioneers.

SAT FEB. 23 - Public Sale of Farm Equipment located between Ephrata and Lititz. Terms by Ivan N. Good. John E. and Paul E. Martin, Auctioneers.

SAT. MAR. 2 - Public Sale of Farm Equipment and Farm Crops located between Lititz and Manheim along Doe Run Road, 1 mile west of Erb's Mennonite Church, Sale by Ivan B. Zimmerman; John E. and Paul E. Martin, Auctioneers.

MON. MAR. 4 - Public Sale of Farm Equipment located on Brubaker Valley Road, between Rtes. 322 and 501. Sale by Kenneth L. Siechrist; John E. and Paul E. Martin, Auctioneers.

MON. MARCH 4 - Public Sale of Complete Registered Holstein Dairy Herd located 2 miles North of Lebanon just off Rt. 343 on Heffelfinger Road. Terms by Bare Bros.; R. Austin Backus, Mexico, N. Y., Auctioneers.

FRI. MAR. 8 - Public Sale of Farm Equipment, Hardware and Shop Tools located 3 miles north of Churchtown, Pa. Terms by Ivan N. Hoover, Narvon, Pa. Ralph W. Horst, Auctioneer.

SAT. MAR 9 - Sale of Farm Equipment and Community Consignment Sale by Binkley & Hurst Bros., located just north of Rothsville. John E. and Paul E. Martin, Auctioneers.

WED. MARCH 20 - Paul Z. Martin's Farm Equipment Sale located 2 miles East of Intercourse, Pa. along Route 340.

WED. MAR. 27 - Public Sale of Farm Equipment located north side of Scheafferstown by Marlin Martin. John E. and Paul E. Martin, Auctioneers.

PUBLIC SALE
VALUABLE 24 ACRE FARM
SATURDAY, JANUARY 19, 1974
at 10:00 A.M.

Located 4 miles West of Manheim, 1 mile West of East Fairview Brethren Church. Take Hosler Rd. to Valley Rd., first farm on Valley Rd., Rapho Twp., Lancaster Co., Pa.

24 ACRES (Approx.)

20 Acres under cultivation. 4 Acres pasture, Stream, Approx. 1 mile road frontage along Hosler & Valley Rds., 2½ STORY 8-ROOM FRAME DWELLING, Wash house attached with old furnace. Hot and cold water, cement basement. 1st floor 3 rooms and powder room, 2nd floor - 5 rooms. Barn, milk house, 2-story storage building w-stripping room & corn crib, poultry house, good well. Buildings are kept in good repair. This ideal place has various possibilities for Builders or small farm operators. NOTE - Farm located 14 miles from Lancaster, 3 miles North of Rt. 283, 8 miles from Turnpike Exit. If looking for a small place, don't miss this sale. Inspection Saturday, Jan. 12 from 10 to 5, or by appointment. Call 665-5664. Immediate possession upon settlement.

SALE FOR
JACOB DUPLER ESTATE
Leroy Dupler, Executor

J. F. Young, Atty.
C. H. Wolgemuth, Auct.
Ph. 665-5664

FOR COMPLETE SERVICE CALL
JOHN E. MARTIN
R.D. 1, Durlach Road, Ephrata
733-3511
or
PAUL E. MARTIN
Stevens R.D. 1, Box 561
733-3305
LICENSED AUCTIONEERS
No Sale Too Small or Large
Tents Available

QUALITY DAIRY CATTLE FOR SALE
BLACK and WHITE HOLSTEIN FARMS
2220 Dairy Road — Lancaster, Penna.

100 HEAD — REGISTERED & GRADE HOLSTEINS — 100 HEAD
On hand at all times
CANADIAN—WISCONSIN—MINNESOTA

All cattle hand picked for type, conformation and perfect udder development, most of them with good production and B.F. records. NOTE: Will deliver from 4 head to a carload subject to your approval to your farm at anytime.

Pennsylvania's Largest Sales Pavilion

Dairy Cattle Auction Sale 3rd Friday Night Every Month
CHARLES C. MYERS, Owner. Phone 717-569-2106
717-569-6800
Park Myers, Sales Mgr. — Private Sales Daily

ALVIN Z. MARTIN
COMPLETE DISPERSAL
THURSDAY, JANUARY 10 at 10:30 A.M.
CHARLES MYERS SALE BARN, LANCASTER, PA.

At the Black & White Sale barn just west of Lancaster, Pa. off Rte. 283. Exit Rte. 283 at Flory's Mill (McGovernville Rd.), to dead end, turn left, next right by Flory's Mill, under bridge to barns.

175 HOLSTEINS
(113 REGISTERED - 62 GRADES) (130 COWS - 45 HEIFERS).

All tested for immediate interstate shipment. Exam for Preg. & Mastitis.

DAUGHTERS OF FAMOUS SIRES SELLING!!

2 by "Kingpin" - 23 granddtrs of Citation R Maple - 2 by Tidy Gent - Seiling Rockman Ivanhoe Star - Roybrook Revelation - Sevens Burke Skylark - Glenafton Bonaventure Arlinda R9er Star - Arlinda Bellringer - Romandale Highcroft Cavalier - Wintercrest Sunliner - Skokie Coronet Climax - Peters Farm Marksman Ivanhoe Zeldenrust Concentrate - Frogmore Pontiac Polaris and others.

PRODUCTION --

Herd has not been on test but owner says average at dairy is 15,000 Milk with large number of 1st, 2nd, 3rd calf heifers. 4.1 percent test for Nov. - test has been 4.2 percent.

35 Head sell due from Nov. 1 to Feb. 1.

SERVICE SIRES INCLUDE -- Utag Ivanhoe Ultimate, Westside AB Seaman and sons of "Black Eagle" - Astronaut - Citation R Maple.

THIS IS A GOOD UDDERED HEAD -- YOU WILL LIKE THEIR DAIRY CHARACTER!!

MAKE YOUR PLANS NOW TO ATTEND AND BUY FROM THIS COMPLETE DISPERSAL!!

CREDIT -- Make your arrangements with Charles C. Myers in advance of sale by calling 717-569-2106.

ALVIN Z. MARTIN
Owner,
Dillsburg, Pa.
717-432-5048

Sale Arranged by
CHARLES C. MYERS
2220 Dairy Lane
Lancaster, Pa.
717-569-2106

R. AUSTIN BACKUS INC.
Auctioneers,
Mexico, N.Y.

FARM IS FOR SALE -- Contact Mr. Martin - For sale at private treaty.

PUBLIC SALE
of TRUCKS and FEED MILL PRODUCTS
SATURDAY, JANUARY 12
at 12 noon

Located along Rte. 23 at East End of Morgantown, Pa.

TRUCKS

1973 - 1600 - Int. Dump Stake
1964 - 1800 - Int. Dump Stake
1971 - 1300 - Int. Dump Stake, Dual Wheel.
1967 - ¾ ton Chev. pickup 4x4 trans. with John Blue Sprayer.
Lot of good usable spare tires for trucks also tarps

EQUIPMENT

Portable Cardinal 6" auger with electric motor. 1 Richardson bagging scales, Electric winch for truck unloading, 4 bag wagons, 3 weigh buggies, 6 electric motors, ½ H.P. to 50 H.P. all 3 phase, 2 Harvest Handler Conveyers with gasoline engines. Grain moisture tester, Black & Decker Industrial vacuum cleaner, Poultry waterers, portable Minn. Moline corn sheller, 2 window fans, platform scales, air conditioner, 1 oak office desk.

FEED AND SPRAY PRODUCTS

3 ton soybean meal, 1 ton beet pulp, 2 ton dried molasses, 3 ton Hydrated lime, 1 ton Delcalcium phosphate, 5 cases Bovidine, 100 lb. Atrazine, 5-5 gal. cans liquid atrazine. 2-5 gal. Sutan, 5-5 gal. Eptam.

SEEDS

8 bu. medium red clover, 10 bu. Saranac alfalfa, 7 bu. Timothy. Notice this is only a partial list. Many more items not mentioned to be sold.

Terms By
IRA NISSLEY INC.

Elton Horning, Auct.

Penn State Will Host Vegetable Conference

Innovations in vegetable and small fruit production–including new concepts in trickle irrigation, wholesale market packaging, and recycling vegetable wastes--will be featured at the annual Vegetable Converence February 11-13 on The Pennsylvania State University main campus.

"Topics of interest to food processors will be presented the afternoon of February 12 and the morning of February 13," said Dr. Peter A. Ferretti, assistant professor of horticulture extension at Penn State and conference chairman

The conference, to be held in the J. O. Keller Building, is sponsored by the Pennsylvania Vegetable Growers Association, Pennsylvania Food Processors Association, and Penn State Department of Horticulture.

Keynote speaker will be Dr. William H. Carlson, associate professor of horticulture at Michigan State University, discussing "Facts and Fantasies in the Bedding Plant Industry." Dr. Carlson, who received three degrees from Penn State, is executive secretary of Bedding Plants, Inc., and is associate editor of the American Vegetable Grower magazine.

G. Wendell Boice, marketing manager for Chapin Watermatics Inc., of Watertown, N.Y., will present the latest information on trickle irrigation, a new concept in plant watering being used extensively in parts of the United States, Europe, and Africa.

"Small Fruit Production Innovations Around the World" will be discussed by George E. McConnell, of Mt. Vernon, Ohio, a fruit grower and writer for the American Fruit Grower magazine. McConnell sells over 700,000 strawberry plants each year and recently started growing a number of vegetable crops for "pick-your-own" harvest.

"Subject matter on small fruit production was added to the conference program for the first time this year in response to grower's needs," Dr. Ferretti points out.

Another conference feature will be a panel on "Recycling Vegetable Wastes." Speakers will be Albert Darpino, president of Conte, Inc.; and Penn State Extension specialists Dr. Gerald D. Kuhn, Dr. Lester A. Burdette, and Professor N. Henry Wooding.

"Packaging for the Wholesale Market" will be presented by John W. Phillips, produce director for Weis Markets, of Sunbury; and Armin H. Furrer, Jr., area research representative for Amchem Products, Inc., of Ambler, will discuss "The Use of Ethrel in Vegetable Production."

Dr. James M. Beattie, dean of the Penn State College of Agriculture, will be the banquet speaker on February 11.

Other topics to be presented by Penn State specialists and industry personnel include U-Pick Strawberry Production Practices, Weed and Disease Control, OSHA Requirements, The New Pesticide Law, Fertilizer Efficiency in Hard Times, Outlook for Tomato Products, and Tomato Mechanization.

According to Dr. Ferretti, additional details and registration forms may be obtained by contacting your county agricultural agent or by writing to the Agricultural Conference Coordinator, 410 J. O. Keller Building, University Park, Pa. 16802.

Medieval scientists said that if the red quality of red sulphur were removed, gold would result.

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COMPLETE INCOME TAX RETURN SERVICE.

Year End Bookkeeping Service
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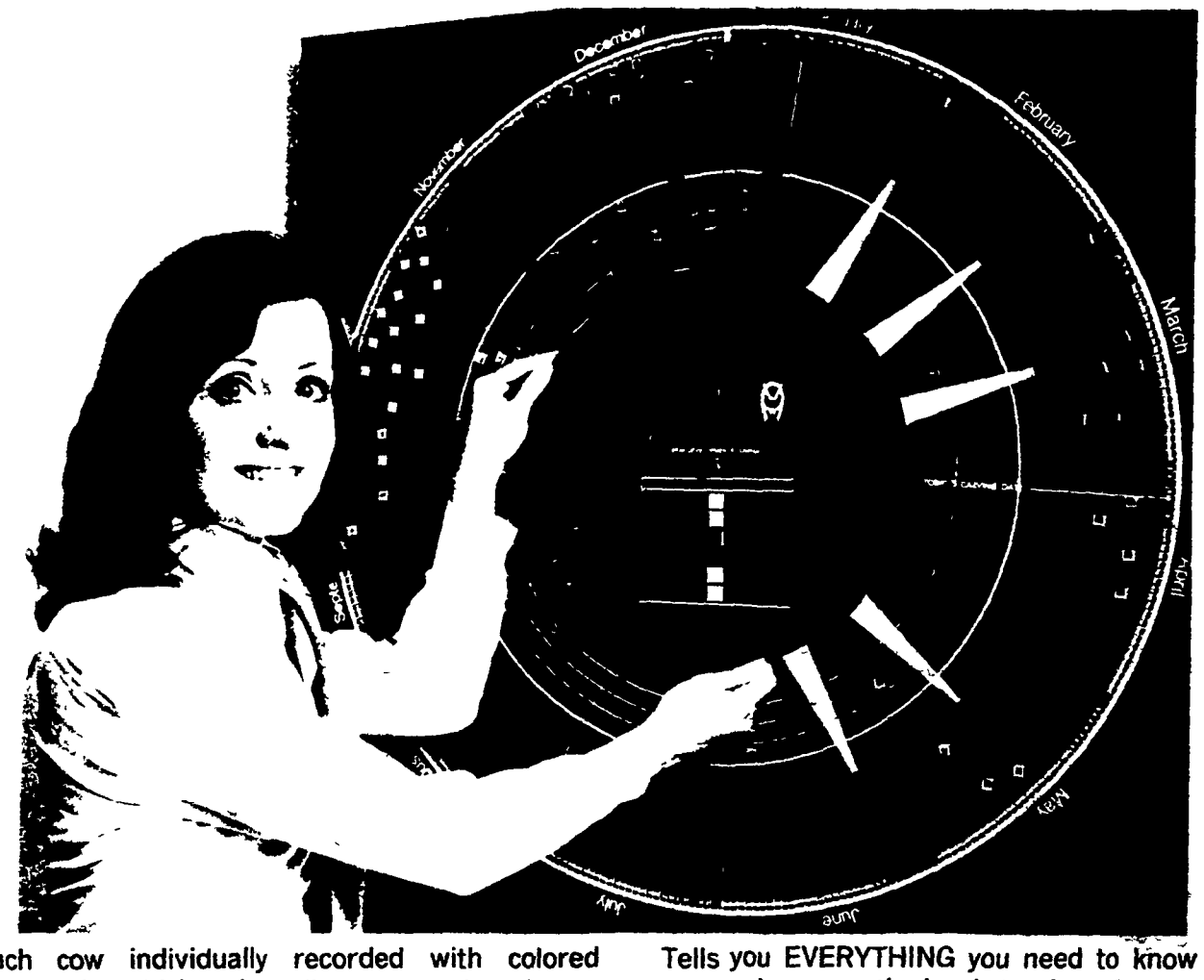
George A. Weaver

Intercourse, Pa.

ATTENTION MR. DAIRYMAN:

A revolutionary, but proven concept in herd breeding records is now available for any size herd. The revolving wheel concept is the most effective and thorough system of recording your herds breeding program. Bray Magnetic Breeding Chart is the most effective and economical breeding wheel available anywhere.



Each cow individually recorded with colored magnetic dice which makes all systems using pins and tabs obsolete.

Six patented revolving 21 day hands give a complete account of cows heat cycle.

Revolving hands give you day to day status every day 365 days a year.

Tells you EVERYTHING you need to know about every cow in your entire herd at a glance!

No chance of overlooking ANY cow.

Owners say they have saved enough to pay for the calendar in less than 1 year in herds of 35 or more cows.

SPECIAL JANUARY SALE

FREE Cabinet With Purchase of Any Bray Cow Calendar During January

BUY THE BEST FOR LESS

$70.00 LESS Than Competitive Models

THOUSANDS OF SATISFIED CUSTOMERS

PRICES - Calendar size 32" x 32".

for 75 Cow herd— $115.00
for 150 Cow herd— $125.00

For herds larger than 150 cows, .20 per cow extra.

ALL CALENDARS ENCLOSED IN CABINET

Most efficient, economical and complete herd planning system available in the U. S.

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• SPUTNIKS • AIR-O-MATIC FANS • WEAVERLINE CARTS

The New ELECTRO-GATE allows You to Drive Thru All Gates Without Stopping.

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POFCO — PENNSYLVANIA ORGANIC FARMER-CONSUMER ORGANIZATION

There is a growing market for quality food which is produced organically. Demand is strong for grain, meat, eggs, and produce. We are attempting to generate interest in production and provide source information for consumer.

POF-CO will be at the Penna. Farm Show-Room D Thursday Jan. 10 - 8 AM to 9 PM. or write Box 86, RD1, Morgantown, Pa. Phone 215-286-5268. We will have experienced men to discuss methods and requirements.